

FLORIDA HIGHWAYS

Published by the State Road Department

Vol. VI

No. 3



Project 59. Concrete Pavement, Road 1, Jefferson County

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March, 1929

IN THIS NUMBER, FINAL BUDGET FOR 1929

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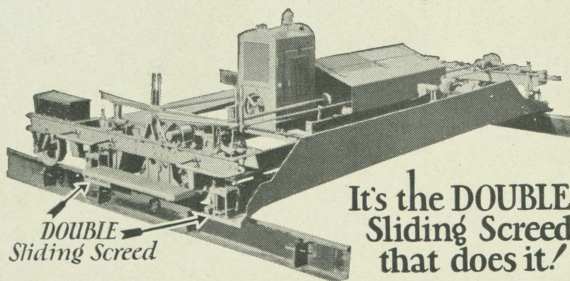
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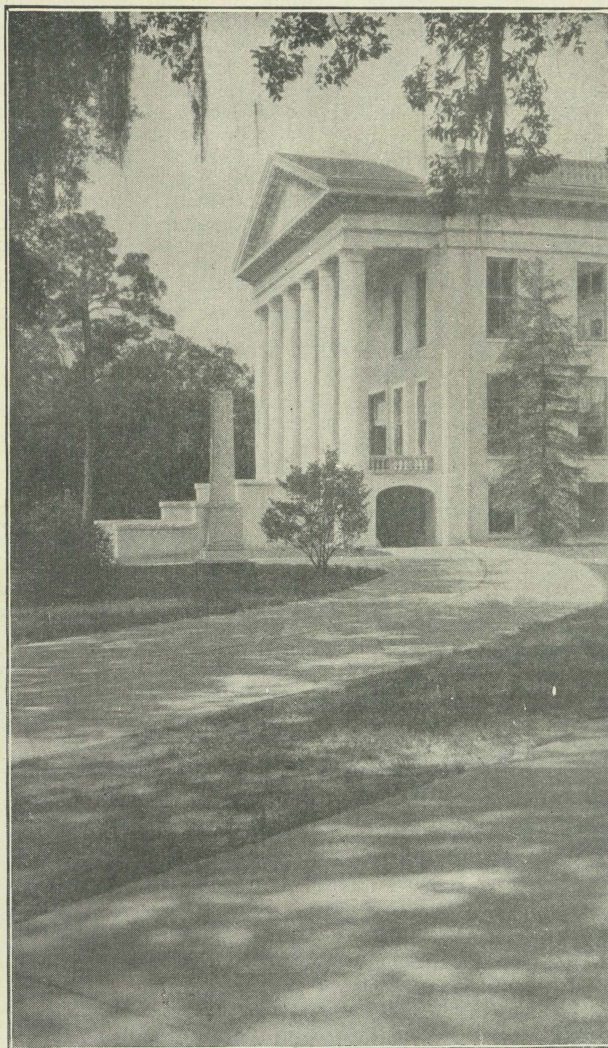
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FLORIDA

Vol. VI
No. 3



HIGHWAYS

MARCH
1929

Transactions at A Special Meeting State Road Department February 19, 1929

PURSUANT to due and legal notice, a Special Meeting of the State Road Department was held at Tallahassee on February 19th, with all members present, as follows: Robert W. Bentley, Chairman; W. A. Shands, J. Harvey Bayliss and G. D. Perkins. J. L. Cresap, State Highway Engineer, B. A. Meginniss, Attorney, W. P. Bevis, Secretary, and E. R. Epperson, representative of the U. S. Bureau of Public Roads, were also in attendance.

PROJECT 6, STATE ROAD NO. 1, MADISON COUNTY

The Chairman read to the Department two letters which he had received from Robert G. Lassiter

& Company, protesting the advertising for bids for the construction of the above project, and contending that the Department was under contract with said firm for the construction of said project. The Chairman stated that in his judgment no such contract existed, and the members of the Department declined to take any further action in the premises.

BIDS RECEIVED

The hour of ten o'clock having arrived, the Department proceeded to the opening of bids which had been received in pursuance of due advertisement calling for same at or before ten o'clock this date. The bids received were as follows:

MADISON COUNTY, PROJECT 6, ROAD 1

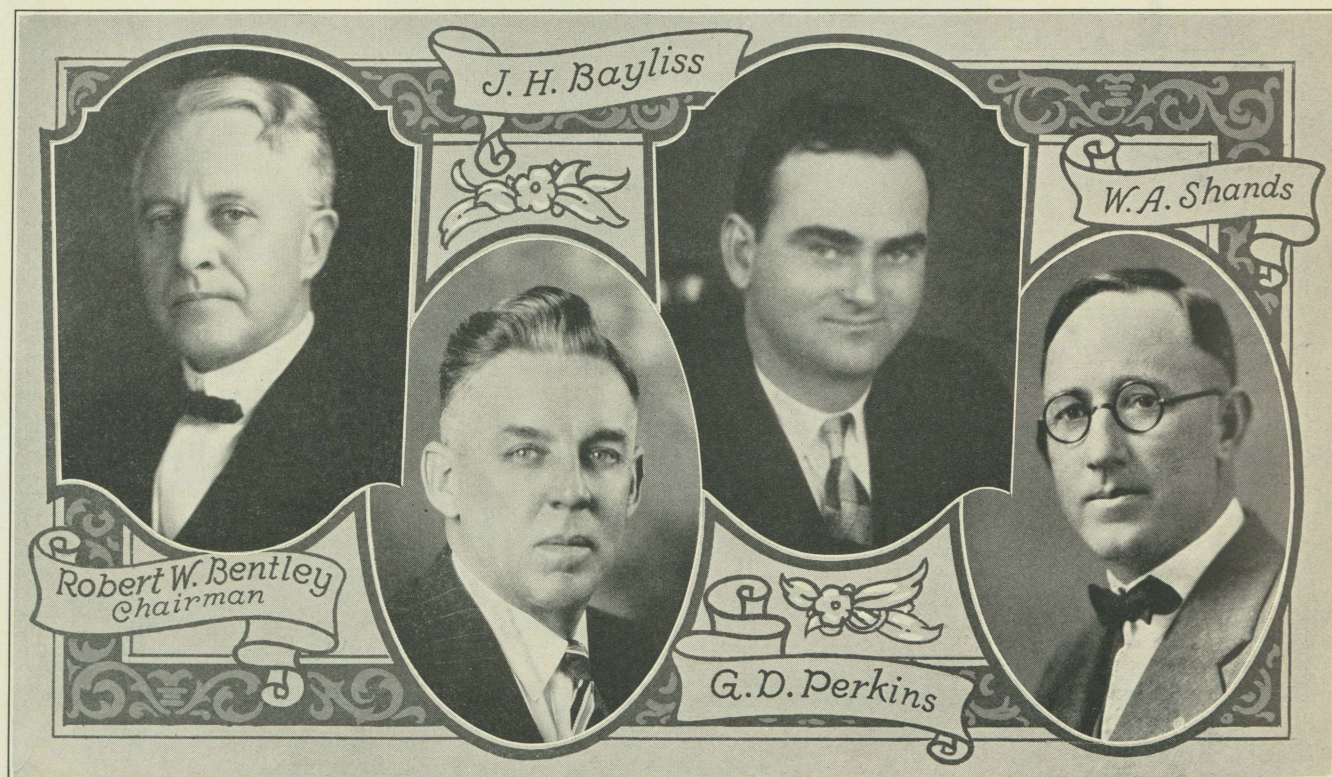
M. C. Winterburn, Jacksonville.....	Plain Cement Concrete.....	\$105,570.07
S. L. Crane, Brooksville.....	Rock Base and Single Bituminous Treatment.....	86,729.82
Hutton Construction Co., Sanford.....	Rock Base and Single Bituminous Treatment.....	84,997.25
Hutton Construction Co., Sanford.....	Bituminous Macadam.....	139,775.53
Hutton Construction Co., Sanford.....	Bituminous Concrete (Topeka).....	138,618.38
Hutton Construction Co., Sanford.....	Sheet Asphalt.....	138,039.74
Hutton Construction Co., Sanford.....	Plain Cement Concrete.....	113,739.17
L. M. Gray, Gainesville.....	Rock Base and Single Bituminous Treatment.....	86,001.30
Duval Engineering & Contracting Co., Jacksonville.....	Rock Base and Single Bituminous Treatment.....	83,236.52
Nelson Bros., Tallahassee.....	Plain Cement Concrete.....	106,789.58
Noonan Construction Co., Pensacola.....	Plain Cement Concrete.....	110,613.16
J. B. McCrary, Atlanta.....	Plain Cement Concrete.....	110,316.56
Morgan-Hill Paving Co., Jacksonville.....	Plain Cement Concrete.....	115,348.05
Morgan-Hill Paving Co., Jacksonville.....	Rock Base and Single Bituminous Treatment.....	86,734.67

LAKE COUNTY, PROJECT 695, ROAD 2—APPROACHES TO HAYNES CREEK BRIDGE

Manly Construction Co., Leesburg.....	Rock Base and Single Bituminous Treatment	4,891.40
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FURNISHING CREOSOTED TIMBER AND PILING

J. F. Prettyman & Sons, Charleston, S. C.....	3,347.90
Pensacola Creosoting Co., Pensacola.....	3,772.90
Homer Williams, Thomasville, Ga.....	3,177.70
Eppinger & Russell Co., Jacksonville.....	3,399.80



Members State Road Department.

OKALOOSA COUNTY

Mr. Harry W. Thompson appeared before the Department with further reference to a sand-clay surface on State Road 54 in Okaloosa county, between Crestview and Valparaiso. Mr. Thompson stated that certain citizens would place with the Department sufficient money to do this surfacing if they secured assurance from the Department that the money would be reimbursed to them provided legislative sanction was obtained to diverting to this purpose certain available bond moneys. Mr. Thompson was informed that his proposal would be taken up with the Board of County Commissioners of Okaloosa county and that the Department will ask the said county commissioners to make the funds available.

BIDS ON AUTOMOBILE

The following bids were received for the furnishing of an automobile for the use of the Chairman:

Reo Sales and Service Company, Jacksonville, Florida:

Standard Flying Cloud Sedan, F. O. B. Tallahassee	\$1,950.00
Allowance on 1926 Cadillac	625.00
Balance	\$1,325.00
Sport Flying Cloud Sedan, F. O. B. Tallahassee	\$2,130.00
Allowance on 1926 Cadillac	625.00
Balance	\$1,505.00

Trawick Motor Company, Tallahassee, Florida:

Model 57 Five Passenger Buick Sedan, F. O. B. Tallahassee	\$2,350.00
Allowance on 1926 Cadillac	650.00
Balance	\$1,700.00

Model 50 Seven Passenger Buick Sedan, F. O. B. Tallahassee	\$2,435.00
Allowance on 1926 Cadillac	650.00
Balance	\$1,785.00

Tallahassee Motor Company, Tallahassee, Florida:

Lincoln Five Passenger Sedan	\$5,250.00
Allowance on 1926 Cadillac	1,750.00
Balance	\$3,500.00

Proctor & Proctor, Tallahassee, Florida:

LaSalle Seven Passengen Sedan	\$2,970.00
Allowance on 1926 Cadillac	600.00
Balance	\$2,370.00

LaSalle Five Passenger Sedan	\$2,670.00
Allowance on 1926 Cadillac	600.00
Balance	\$2,070.00

Cadillac Five Passenger Sedan	\$3,895.00
Allowance on 1926 Cadillac	650.00
Balance	\$3,245.00

Cadillac Five Passenger Town Sedan.....	\$3,695.00
Allowance on 1926 Cadillac	650.00
Balance	\$3,045.00

Cadillac Seven Passenger Sedan	\$3,995.00
Allowance on 1926 Cadillac	650.00
Balance	\$3,345.00

Above prices are delivered Tallahassee.

On motion of Mr. Shands, seconded by Mr. Bayliss, the following resolution was unanimously adopted:

BE IT RESOLVED, That the Chairman be and he is hereby authorized to purchase one of the cars offered in the above outlined sealed bids without further reference to this body.

**CONSIDERATION OF TYPE OF CONSTRUCTION
PROJECT 6, ROAD 1, MADISON COUNTY**

The Chairman stated that he had received communications from the county commissioners and other parties in Madison county, requesting that Project 6, State Road 1, between Greenville and the Aucilla river, be constructed of plain cement concrete. Mr. J. E. Hardee from Madison appeared before the Department making the same request.

At this juncture, Mr. Alexander Brest, of Duval Engineering & Contracting Company, discussed the bid of his firm for the surface-treated lime rock base

on said project. Mr. Brest stated that his firm, if awarded the contract, will start work within the next few days and that by April 10th, under normal conditions, they should have four miles of rock base laid and open to traffic.

PROJECT 669-Y, ROAD 27, COLLIER COUNTY

Mr. John E. Ballenger, representing Wm. P. McDonald Construction Company, and Mr. Thos. Bryant, its attorney, appeared before the Department with further reference to the Company's contention that there exists a binding and valid contract between the Department and said company for the grading of Project 669-Y, Road 27, Collier county. The matter was taken under advisement for the present.

ACTION ON BIDS

On motion of Mr. Shands, seconded by Mr. Bayliss, the following resolution was adopted:

WHEREAS, The Department has this day, pursuant to legal advertisement, received and opened bids for the construction of the projects hereinafter mentioned, and

WHEREAS, The firms respectively named were and are hereby found and declared to be the lowest responsible bidders therefor; now, therefore,

BE IT RESOLVED, That contracts be awarded as a result of the bids so received, as follows, to-wit:

Project 6, Road 1, Madison county, to Duval Engineering & Contracting Company, Jacksonville, for the construction of a surface-treated lime rock base, at and for its bid of \$83,236.52, which bid includes "sprigging."

Project 695, Road 2, Lake county, approaches to and surface on Haynes Creek bridge, to Manly Construction Company, Leesburg, for a surface-treated lime rock base, at and for its bid of \$4,891.40.

BE IT FURTHER RESOLVED, That the Chairman and Secretary be and they are hereby authorized to execute contracts in pursuance of this resolution.

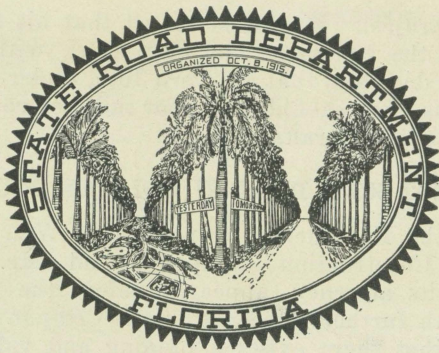
On motion of Mr. Shands, seconded by Mr. Bayliss, the following resolution was adopted:

BE IT RESOLVED, That a contract for furnishing creosoted timber and piling in accordance with bids received this day, be and the same is hereby awarded to the lowest responsible bidder therefor, viz: Homer Williams, Thomasville, Georgia, at and for the sum of \$3,177.70.

On motion of Mr. Shands, seconded by Mr. Perkins, the Department was adjourned until two o'clock.

AFTERNOON SESSION**Columbia County, Roads 5-A, 28, 56 and 82**

Messrs. J. M. Sikes, Chairman, and A. G. Paul, member, of the Columbia County Board of Bond Trustees, and other citizens of said county, appeared before the Department with reference to making available the funds which the county has for the construction of Roads 5-A, 28, 56 and 82. After considerable discussion, the delegation was informed that the Department is willing to accept the money applicable to State Road 28 and surface the said road as far as the funds will extend; and further, that Mr. Shands, member of the Department, will



Florida Highways

Published Monthly

Official Publication of the State Road Department

PERSONNEL OF DEPARTMENT

ROBERT W. BENTLEY (*Bradenton*), *Acting Chairman*
(*Official Residence, Tallahassee.*)

W. A. SHANDS, <i>Gainesville</i>	} <i>Members.</i>
J. HARVEY BAYLISS, <i>Pensacola</i>	
G. D. PERKINS, <i>Jacksonville</i>	

WALTER P. BEVIS, *Tallahassee, Secretary*

PERSONNEL OF EMPLOYEES IN GENERAL CHARGE OF THE WORK OF THE DEPARTMENT

Engineering Division

J. L. Cresap, Tallahassee.....	State Highway Engineer
L. K. Cannon, Tallahassee.....	Ass't. State Highway Engineer
G. L. Derrick, Tallahassee.....	Bridge Engineer
Harvey A. Hall, Gainesville.....	Testing Engineer
F. W. Berry, Jr., Tallahassee.....	Office Engineer
Paul G. Kennemur, Gainesville, Acting Supt. of Equipment	
R. L. Bannerman, Marianna.....	Div. Engr.—1st Div.
Counties—Bay, Calhoun, Escambia, Franklin, Gadsden, Gulf, Holmes, Jackson, Jefferson, Leon, Liberty, Okaloosa, Santa Rosa, Wakulla, Walton, Washington.	
J. H. Dowling, Lake City.....	Div. Engr.—2nd Div.
Counties—Baker, Bradford, Clay, Columbia, Dixie, Duval, Hamilton, Lafayette, Madison, Nassau, Suwannee, Taylor, Union.	
R. J. Cassie, Fort Pierce.....	Div. Engr.—3rd Div.
Counties—Brevard, Indian River, Martin, Okeechobee, St. Lucie.	
L. B. Thrasher, Ocala.....	Div. Engr.—4th Div.
Counties—Alachua, Citrus, Lake, Levy, Gilchrist, Marion, Putnam, St. Johns, Sumter, Flagler, Volusia.	
A. W. Kinney, Lakeland.....	Div. Engr.—5th Div.
Counties—Hernando, Hillsborough, Manatee, Orange, Osceola, Pasco, Pinellas, Polk, Seminole.	
R. C. Fergus, Fort Lauderdale.....	Div. Engr.—6th Div.
Counties—Broward, Dade, Monroe, Palm Beach.	
Henry Wilson, Punta Gorda.....	Div. Engr.—7th Div.
Counties—Charlotte, Collier, DeSoto, Glades, Hardee, Hendry, Highlands, Lee, Sarasota.	

Auditing Division

S. L. Walters, Tallahassee.....Auditor

B. A. Meginniss, Attorney for the Department,
Editor and Business Manager.

Volume VI March, 1929 Number 3

go over Roads 5-A, 28 and 56 and come back to the Department at its meeting on March 5th prepared to report and make recommendations; that as to State Road 82, the Department can not undertake any program with reference to same at this time.

St. Johns County, Road 47

Senator W. A. MacWilliams of St. Augustine appeared before the Department with reference to taking over for maintenance by the State of Road 47. The Senator was informed that this project had been included in the 1929 Maintenance Budget.

Use of Slag in Concrete Roads

Messrs. C. E. Ireland, of Birmingham Slag Company, and W. S. Hotchkiss, of Woodstock Slag Corporation, presented to the Department the matter of the use of slag in the construction of concrete roads. After hearing these gentlemen, the Chairman stated that he will make an investigation of the slag built concrete roads in nearby states, with a view to determining the advisability of extending the practice to Florida.

State Road 28, Flagler County Location

On motion of Mr. Shands, seconded by Mr. Perkins, the following resolution was adopted:

RESOLVED, That the Department do adopt as the route of Road 28 through Flagler county, the north line of survey and that the Board of County Commissioners be forthwith advised of the decision of this Department.

Monroe County, Road 4-A

The Chairman presented to the Members a letter from Senator W. H. Malone expressing disappointment at the failure of the Department to take over Road 4-A in Monroe county for maintenance, and asking that the matter be re-opened.

On motion of Mr. Perkins, seconded by Mr. Shands, the following resolution was adopted:

BE IT RESOLVED, That the Chairman be and he is hereby requested to make an inspection of Road 4-A in Monroe county as soon as possible and make a report of his findings to this Department.

Project 669-Y, Road 27, Collier County

On motion of Mr. Shands, seconded by Mr. Perkins, the following resolution was adopted:

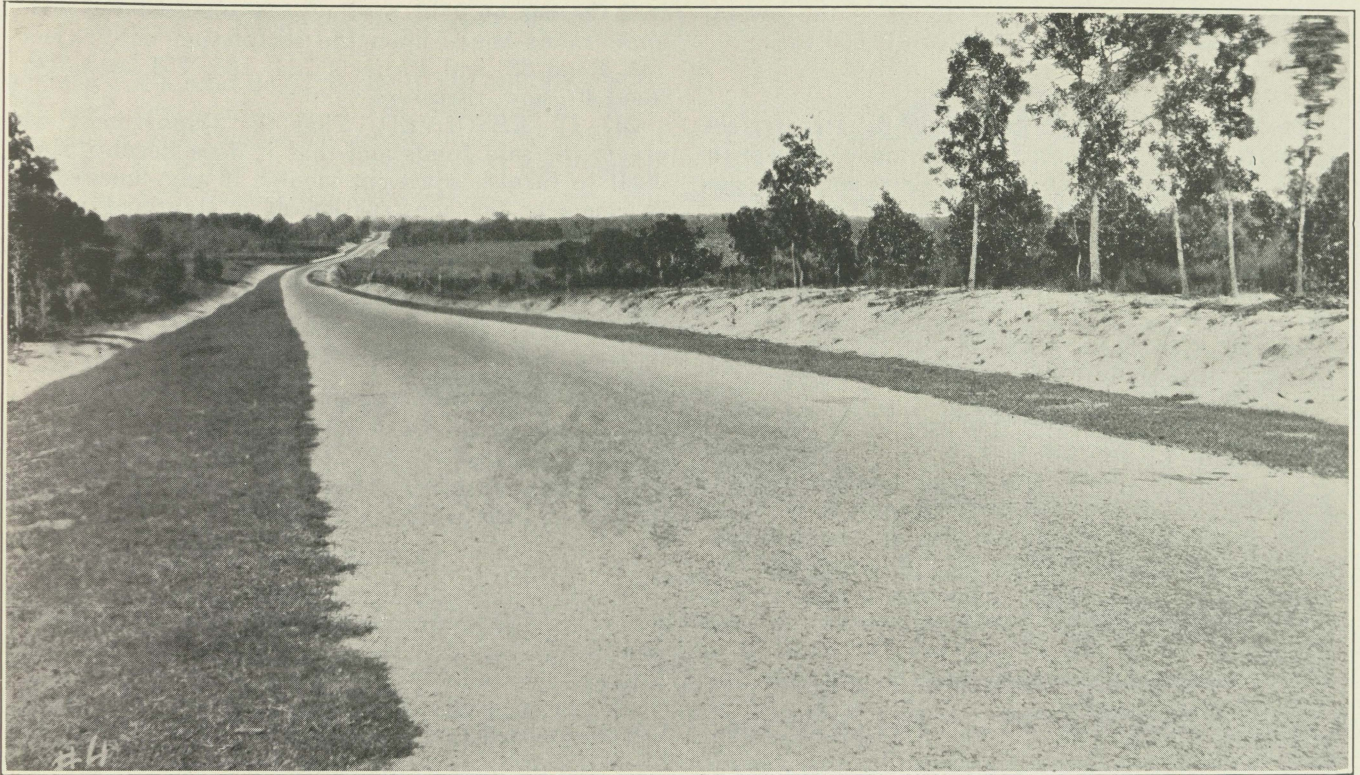
BE IT RESOLVED, That it is the sense of this Department that no good purpose would be served in re-opening its decision to re-advertise for bids for the construction of the above project.

Thereupon, Mr. Bryant, Attorney for Wm. P. McDonald Construction Company, and Mr. Ballenger, its representative, made the following proposal to the Department:

That the State pay to the contractor the actual and full amount expended by the contractor in connection with the project and for the work actually done on said project by the contractor.

On motion of Mr. Perkins, seconded by Mr. Shands, the following resolution was adopted:

BE IT RESOLVED, That the State Highway Engineer and the attorney for this Department be requested to ascertain the amount of expense incurred by Wm. P. McDonald Construction Company on



Project 663, Road 5, Citrus County.

Project 669-Y, Road 27, Collier county, and the value of the work done by said firm on said project, and make a report of their findings to the Chairman of this Department.

On motion of Mr. Shands, seconded by Mr. Perkins, the following resolution was adopted:

BE IT RESOLVED, That the Chairman be and he is hereby authorized to advertise for bids for clearing, grubbing, grading and necessary drainage structures on Project 669-Y, Road 27, Collier county, the same to be returnable March 6th.

Walton County, Project 854, Road 60

The Chairman brought to the attention of the members a request from Penton-Mathis Construction Company that said firm be paid for work done on Project 854, Road 60, Walton county.

On motion of Mr. Perkins, seconded by Mr. Bayliss, action on the matter was deferred for the present.

Expense Accounts Approved

On motion of Mr. Bayliss, seconded by Mr. Perkins, the following resolution was adopted:

BE IT RESOLVED, That expense accounts filed by the members be and the same are hereby approved, as follows:

G. D. Perkins	\$97.94
W. A. Shands	39.25

Lee County, Roads 2 and 25

The Chairman presented to the members a certified copy of a resolution adopted by the Board of County Commissioners of Lee county requesting that that part of State Roads 2 and 25 extending from Fort Myers to the Hendry county line be taken over for maintenance by the State.

On motion of Mr. Shands, seconded by Mr. Bayliss, the following resolution was unanimously adopted:

RESOLVED, That the Chairman be and he is hereby requested to advise the county commissioners of Lee county that roads must be built according to the specifications of the State Road Department before maintenance of the same can be undertaken by the State.

Bonds for Employees

The Chairman reported, in pursuance of resolution adopted at the January meeting, that bonds were required of employees of the Department as follows:

Chairman, Members of Board and State Highway Engineer:	
Robert W. Bentley, Chairman	\$50,000.00
W. A. Shands, Member	25,000.00
G. D. Perkins, Member	25,000.00
J. H. Bayliss, Member	25,000.00
J. L. Cresap, State Highway Engineer	10,000.00

Division Engineers and Others:

	Personal Bond	Depository Bond
R. L. Bannerman	\$10,000.00	\$5,000.00
J. H. Dowling	5,000.00	5,000.00
R. J. Cassie	12,400.00	5,000.00
L. B. Thrasher	10,000.00	5,000.00
A. W. Kinney	16,000.00	5,000.00
R. C. Fergus	7,500.00	5,000.00
Henry Wilson	10,000.00	5,000.00
P. G. Kennemur	2,500.00	5,000.00
A. L. LeVeille	500.00	

On motion of Mr. Shands, seconded by Mr. Perkins, the following resolution was adopted:

BE IT RESOLVED, That the amount of all de-

pository bonds covering trust funds in the several divisions be raised from \$5,000 to \$10,000 each.

Asphalt Block

The Chairman called attention of the Department to the fact that a request has been made for asphalt block to be included in the standard specifications of the Department.

On motion of Mr. Shands, seconded by Mr. Perkins, the following resolution was adopted:

BE IT RESOLVED, That the use of asphalt block be included in the standard specifications of this Department, provided the same shall be approved by the U. S. Bureau of Public Roads.

Walton County, State Road 60, Projects 854, 855

A resolution of the Board of County Commissioners of Walton county, transferring to the Department the sum of \$164,526.14 for the construction of State Road 60, was presented to the Department. The said resolution further provided that the Department be authorized, upon the completion of Project 733, Road 33, and Projects 734, 735, 751 and 752, Road 40, to use any unexpended balance in either or all of the said funds in the construction of the said State Road 60. It was also provided that said resolution was passed upon the express condition that the Department, in accepting said monies, bind itself to furnish all additional money required to complete said road as a standard sand-clay road and to accept said road for maintenance.

On motion of Mr. Shands, seconded by Mr. Bayliss, the following resolution was unanimously adopted:

WHEREAS, Walton county has made available to this Department the sum of \$164,526.14 for the construction of State Road 60, and has further author-

ized the use on said road of any unexpended balances in its hands upon the completion of Project 733, Road 33, and Projects 734, 735, 751 and 752, Road 40; now, therefore,

BE IT RESOLVED, That the Department do accept the said funds and that it does hereby bind itself to furnish sufficient money, if any, necessary to complete the construction of a standard sand-clay road on State Road 60 between DeFuniak Springs and the Alabama state line.

BE IT FURTHER RESOLVED, That upon the completion of said road as a standard sand-clay project, that the Department shall take the same over for maintenance.

BE IT FURTHER RESOLVED, That the Chairman be and he is hereby authorized to advertise for bids for the construction of said State Road 60 as a standard sand-clay road, between DeFuniak Springs and the Alabama state line.

Crushed Stone

Mr. C. W. Stone, representing Florida Crushed Stone Company, appeared before the Department with the request that his products be used wherever it may be possible.

On motion of Mr. Shands, seconded by Mr. Bayliss, the Department was adjourned.

The Family Tree

"You have a fine signature," said a salesman to a buyer who had written his name with many flourishes.

"Yes," answered the buyer, proudly, "I should have. One of my forefathers signed the Declaration of Independence."

"So?" said Abie. "Vell, you ain't got nottings on me. One of my forefathers signed the Ten Commandments."



Project 615. Bridge on that Portion of Road No. 5 Between Venice and Myakka River.

Southeastern Road Show and Conference

FIVE state road departments in the Southeast will send representatives to the Southeastern Road Show and Conference which opens in Jacksonville March 19, Ike Parrish, Secretary of the Florida Road Builders Association, conducting the show, announced today.

The Georgia State Highway Department is sending a display of interest to all road builders and to the public generally, which will be in charge of Craig R. Arnold, head of the publicity department of the Georgia Commission. It is probable that John N. Holder, Chairman of the Georgia Board, will be present and address the conference.

Col. Harry S. Berry, Commissioner of the Department of Highways and Public Works, of Nashville, Tenn., states in a letter to the Association that it is

his intention to attend and that his department is "glad to cooperate" with the show organization.

A delegation from the North Carolina Highway Commission will be present, according to A. S. Hanes, Chairman.

South Carolina is considering entering a display of her roads according to Charles H. Moorefield, state highway engineer. A definite decision on the South Carolina exhibit has not been reached, Mr. Moorefield stated.

Through the co-operation of Chairman Robert W. Bentley, of the Florida State Road Department, Florida will be represented in a 400 square feet exhibit of roads and agriculture which is now being prepared by the department. Mr. Bentley has accepted an invitation also to take part in the program.

Transactions at a Special Meeting of the State Road Department Held at Tallahassee, March 5, 1929.

PURSUANT to call and due advertisement, a special meeting of the State Road Department was held at Tallahassee March 5, 1929, with all members present, as follows: Robert W. Bentley, chairman, W. A. Shands, J. Harvey Bayliss and G. D. Perkins. J. L. Cresap, State Highway Engineer, B. A. Meginniss, Attorney, W. P. Bevis, Secretary, and H. J. Morrison, Federal Highway Engineer, were also in attendance.

The chairman announced the primary purpose of the meeting was to head complaints and suggestions from the public as to the department's proposed budget of maintenance and construction work for the year 1929, as required by law, whereupon the roll of the counties of Florida was called and an opportunity given the public to present complaints and suggestions.

Orange County

Major Chas. A. Browne, representing the Board of County Commissioners of Orange County, requested that the department construct Project 572-A, Road 2, between Plymouth and Orlando, during the present year and that it take over for maintenance State Road 22.

Gulf Coast Highway

The Department at this juncture agreed to hear delegations from counties along what is popularly known as the Gulf Coast Highway. W. T. Edwards, executive vice president of the Gulf Coast Association, introduced State Senator W. C. Hodges of Leon county, who presented to the department six (6) resolutions adopted by this association and making request of the department as follows:

(1) That convict crews be placed on Road 15 in Hernando County between Aripeka and the Citrus county line at once.

(2) That the department construct Road 15 in Citrus county.

(3) That Road 15 from the west line of Jefferson county to Hudson in Hernando county be reinstated in the 1929 budget.

(4) That \$200,000 be allocated to match \$200,000 of Franklin county funds on State Road 10, and that

convicts be placed on the construction of Road 10 in Franklin and Wakulla counties, and that portion of State Road 15 in Wakulla county, east of Newport.

(5) That one million dollars be allocated in the 1929 Budget for paving between West Bay Bridge at Panama City and the Santa Rosa county line.

(6) That convict crews be immediately placed on construction of State Road 10 in Santa Rosa county.

Senator W. J. Singletary also addressed the department on the same subject. The department then heard representatives from the various counties along the Gulf Coast Highway as to the status of the road, as follows:

Jefferson County

Senator T. T. Turnbull of Jefferson county reported that his county has bonds available, but unsold, to the amount of \$7,500.00 per mile; that the county will advertise and sell the bonds and turn the proceeds over to the State Road Department, when requested to do so.

Dixie County

L. L. Barber, clerk of the Circuit Court of Dixie county, reported that his county has \$200,000 of unsold bonds applicable to the construction of the Gulf Coast Highway.

Taylor County

Senator B. H. Lindsey, chairman of the Board of County Commissioners of Taylor county, announced that this county has an authorized issue of \$1,500,000 applicable to the roads of the county, but not specifically allocated; that the bonds will have to be sold, and there being no present allotment, he could not say what amount would be available; that he would undertake to have the matter determined at the next meeting of the board. Senator W. L. Weaver, member of the Board of County Commissioners, also addressed the department on the subject.

Levy County

W. R. Hodges, chairman of the Board of County Commissioners, stated that his county has \$350,000 of bonds authorized for the construction of the Gulf Coast Highway, but that the bonds have not been sold.

Franklin County

Senator S. C. Council reported that Franklin county has an authorized issue of \$200,000 of bonds which have not been sold.

Wakulla County

Senator H. N. Walker reported that no action had been taken by his Board of County Commissioners with reference to the Gulf Coast Highway, and that there is no money available for its construction in the near future.

Bay County

Senator Howell reported to the department on the status of the road in Bay county, and urged its completion at the earliest possible moment.

Walton County

W. I. Stinson, chairman of the Board of County Commissioners of Walton county, outlined the situation with reference to the Gulf Coast Highway, or Road 115 in his county.

Okaloosa County

W. C. Pryor, member of the Board of County Commissioners of Okaloosa county, stated that his county has no funds available for the construction of the road, but is looking to the State for help.

Santa Rosa County

Senator F. H. Cobb, of Milton, stated that his county has no funds available for the construction of the Gulf Coast Highway, but that it has already spent \$70,000 on the road in this county. The senator stated that his county has \$30,000 available for the construction of State Road 53.

Dixie County

L. L. Barber, Clerk of the Circuit Court, stated that he has now conferred with the county commissioners, and that while they are much interested in the road, they are not now in position to make a definite statement as to what they can do. This will depend somewhat on what the adjoining counties are willing to do; that this matter will be taken up further and report made.

Putnam County—State Road No. 28

Dr. A. B. Harbison, member of the Board of Bond Trustees, and Judge J. V. Walton appeared before the department urging the construction of Road 28. They stated that Putnam county can turn over to the department \$100,000 if the department will continue its work on said Road 28 as far as Springside. Mr. Henry S. McKenzie, representative of Putnam county, addressed the department on the same subject.

Dixie County—Road 19

L. L. Barber, clerk of the Circuit Court of Dixie county, requested that the construction of Road 19 in his county be included in the budget for 1929.

Escambia County—Road 125

Mr. Winston E. Wheat of Escambia county, placed with the department a request that the State take over for maintenance three miles of State Road 125, just outside of Pensacola.

Flagler County—Road 28

E. F. Warner appeared before the department and requested that it rescind its action taken at the February meeting, adopting the north line of survey for the location of State Road 28 in Flagler county.

Glades County—Road 67

B. A. Bales, representative of Glades county, requested that the department include in its budget of construction for 1929 that portion of State Road 67,

from Main's Corner to its intersection with State Road 25.

On motion of Mr. Shands, seconded by Mr. Bayliss, the department took a recess until 2:15 o'clock.

AFTERNOON SESSION, 2:15 O'CLOCK

The department met pursuant to recess; present as at morning session.

Hillsborough County

W. T. Williams, chairman of the Board of County Commissioners of Hillsborough county, requested that the department keep the construction of Road 17 and the Alafia River Bridge in its final Budget for 1929.

Hernando County

Mr. Forrest Burns presented to the department a request from Hernando county that the department take over for maintenance State Road 15, and also that portion of Road 23, between Bushnell and Trilby.

Jefferson County

Senator D. A. Finlayson presented to the department a request that State Road 11 in Jefferson county be paved during 1929, from the Georgia line to Capps, and also that Road 19 from Capps to the Madison county line be constructed.

Leon and Taylor Counties—Road 19

C. M. Ausley, member of the Board of County Commissioners of Leon county, and Senator B. H. Lindsey, chairman of the Board of County Commissioners of Taylor county, addressed the department on the subject of State Road 19. The latter requested that its construction be placed in the present year's budget, stating that Taylor county will do a reasonable part to assist in such program.

Duval and St. Johns Counties—Road 78

Elliott W. Butts, president of the Jacksonville Chamber of Commerce, and H. K. Jackson and Mayor Frank D. Upechurch of St. Augustine, requested that the department take over State Road 78 between Jacksonville Beach and St. Augustine for maintenance.

Monroe County

Senator W. H. Malone again presented to the department a request from Monroe county that the department take over for maintenance that portion of State Road 4-A in said county.

Suwannee County

Senator S. A. Hinely again appeared before the department with request that the construction of the bridge across the Suwannee River, between Hamilton and Suwannee counties, on Road 50, be continued in the budget.

On motion of Mr. Shands, seconded by Mr. Bayliss, the Department was adjourned until 9 o'clock A. M., March 6.

MARCH 6, 9 O'CLOCK A. M.

The Department met pursuant to adjournment; present as on yesterday.

Project 534, Road 24—Suit

Francis M. Holt, attorney, and Frank Mulready and H. C. Luff, representing Massachusetts Bonding and Insurance Company, appeared before the Department with reference to their company's claims against the Department, growing out of the construction of Project 534, Road 24, Brevard county, and which claims are now pending in court. After hearing the matter, the following resolution was, on mo-

tion of Mr. Bayliss and seconded by Mr. Shands, adopted:

BE IT RESOLVED, That it is the sense of this Department that the status of the claims of Massachusetts Bonding & Insurance Company against the Department on Project 534 remain as it is at present, and that the members of this Department are not in a position to undertake outside of the court the matter of their adjudication.

RECEIPT OF BIDS

The hour of 10 o'clock A. M. having arrived, the Department, pursuant to due advertisement, received and opened bids for the construction of projects as follows:

Project 669-Y, Collier County

The following bids were received for clearing, grubbing, grading and necessary drainage structures:

Wm. P. McDonald Const. Co. Lakeland	\$103,690.17
Kerr & Lawrence Okeechobee	90,641.56
Everglades Const. Co. Hialeah	98,190.07
Walter J. Bryson Paving Co. Jacksonville	93,483.39
Boone & Wester..... Cedar Key	100,365.10

Project 854, Road 60—Walton County

The following bids were received for clearing, grubbing, grading, necessary drainage structures and sand-clay surface:

C. C. Hays..... Valparaiso.....	\$81,552.42
G. W. Byrd..... Crestview.....	77,418.44
Gaston Const. Co. DeFuniak	
Springs.....	80,738.72
Curry & Turner Const. Co. Bradenton.....	83,470.66
C. C. Moore Const. Co. Apalachicola	82,104.57
Collins Const. Co. Milton.....	79,306.00
W. J. Bryson Paving Co. Jacksonville	81,683.21
Southeastern Const. Co. Bradenton	88,482.87
Penton-Mathis Const. Co. Paxton.....	80,066.51

Project 855, Road 60—Walton County

The following bids were received for clearing, grubbing, grading, drainage structures and sand-clay surface:

W. J. Bryson Paving Co. Jacksonville	\$85,276.43
Collins Const. Co. Milton.....	81,910.84
Curry & Turner..... Bradenton	87,639.17
C. C. Hayes..... Valparaiso	84,847.38
C. C. Moore Const. Co. Apalachicola	82,101.15
Southeastern Const. Co. Bradenton	97,281.71
Penton-Mathis Const. Co. Paxton.....	84,074.22

The Chairman announced that tabulation of bids would be made and the figures announced at 2 o'clock P. M.

Mr. Shands stated that later on at the present meeting he will urge that hereafter all certified checks which are held pending determination of awards shall be cleared through the bank.

Monroe County

Senator W. H. Malone, Carl Bervaldi and others representing the county of Monroe, again appeared before the Department with reference to taking over State Road 4-A for maintenance.

On motion of Mr. Shands, seconded by Mr. Bayliss, the following resolution was unanimously adopted:

RESOLVED, That this Department do take over for maintenance during the year 1929 that part of Road 4-A in Monroe county, exclusive of the ferry and bridges thereon.

Alachua County—Road 31

Jack Camp presented to the Department a request that the opening on State Road 31 be widened in order to permit the drainage of Paynes Prairie through the same to Orange Lake.

On motion of Mr. Perkins, seconded by Mr. Bayliss, the following resolution was adopted:

BE IT RESOLVED, That the State Highway Engineer be and he is hereby directed to investigate this matter and report his findings to the Department at its next meeting.

Lafayette County—Road 5-A

Senator J. H. Scales and Representative Parker headed a delegation from Lafayette county which appeared before the Department and presented a resolution adopted by the county commissioners of Lafayette county showing that the county has deposited with the Mayo State Bank the sum of \$100,000.00 for the paving of that portion of Road 5-A between Mayo and Branford.

On motion of Mr. Shands, seconded by Mr. Perkins, the following resolution was unanimously adopted:

WHEREAS the county commissioners of Lafayette county have presented to the State Road Department a resolution by said board, in the words and figures following, to-wit:

“Upon motion of Commissioner O. M. Barrs, seconded by Commissioner B. H. Folsom, the following resolution was unanimously adopted by the board:

“WHEREAS, Lafayette county has available in cash, as the proceeds of the bond issue, the sum of \$100,000.00 for the construction of State Road 5-A in Lafayette county, and

“WHEREAS, the State Road Department of the State of Florida has agreed to hard-surface that portion of said State road between Mayo and Branford, provided that the county shall make available to said department the said sum of \$100,000.00, and

“WHEREAS, it is the desire of this board that said road shall be surfaced as early as possible, Now, Therefore, Be It

“RESOLVED: That the chairman and clerk be, and they are, hereby directed to transfer the said sum of \$100,000.00 to a special account to be styled ‘State Road Department of Florida and Lafayette County,’ for the surfacing of State Road 5-A, between Mayo and Branford; said deposit to be and remain in the bank where said funds are now deposited, to-wit: Mayo State Bank, which said bank has deposited with the State Comptroller securities for the safekeeping thereof.

“BE IT FURTHER RESOLVED: That said money shall be withdrawn from said deposit only on checks drawn by the State Road Department and payable to the State Treasurer of Florida, on the monthly estimates of the engineers of the State Road Department as the work of surfacing said road progresses, a copy of the estimate to be attached to the checks and cancelled checks and estimate to be delivered by the bank to this board for its files, all interest accruing on such special deposit to be the property of Lafayette county and to be credited to the General Bond Fund Account of said county.

“Be IT FURTHER RESOLVED: That the said State Road Department be, and it is, hereby requested, in consideration of the payment of \$100,000.00 as aforesaid, to enter upon its minutes a notation to the effect that it will complete the hard-surfacing of said

Road 5-A in this county during the year 1930, if it shall have funds then available for that purpose."

And, WHEREAS, the department has been advised by letter from the Mayo State Bank that the said sum of \$100,000.00 has been deposited with said bank, subject to check of the said department as provided in said resolution, Now, Therefore, Be It

RESOLVED: That this department does hereby accept the terms of the resolution aforesaid, and that it will apply the said funds so delivered to the construction of that portion of State Road 5-A between Mayo and Branford.

Taylor County

Senator J. H. Scales asked that the department place in its 1929 budget of construction that portion of Road 19, between Perry and the Madison county line. Senator Scales made this proposal: That Taylor county will construct Road 19 from the Madison county line to Perry, if the department will agree to refund to the county the difference between the county's obligation of \$7,500.00 per mile and the average cost of construction as determined by the department's engineers, such refund to be made during the year 1930 or when the department shall construct the remainder of the road.

On motion of Mr. Shands, seconded by Mr. Bayliss, the following resolution was adopted:

RESOLVED, That the chairman be and he is hereby authorized to accept the above outlined proposal of Taylor county, if the attorney for the department shall advise that the same can legally be done.

On motion of Mr. Shands, seconded by Mr. Bayliss, the department was adjourned until 2 o'clock p. m.

AFTERNOON SESSION, 2 O'CLOCK

The Department met pursuant to adjournment; present as at morning session.

Award of Contracts

Tabulation of bids received and opened at the morning session were presented for consideration. Thereupon, on motion of Mr. Shands, seconded by Mr. Bayliss, the following resolution was unanimously adopted:

WHEREAS, The Department has this day, pursuant to legal advertisement, received and opened bids for the construction of the projects hereinafter named, and,

WHEREAS, The firms respectively named were and are hereby found and declared to be the lowest responsible bidders therefor; now, therefore,

BE IT RESOLVED, That contracts be awarded as result of the bids so received, as follows, to-wit:

Project 854, Road 60, Walton county, to G. W. Byrd, Crestview, for clearing, grubbing, grading, drainage structures and sand-clay surface, at and for his bid of \$77,418.44, plus allowance for overhaul.

Project 855, Road 60, Walton county, to C. C. Moore Construction Company, Apalachicola, for clearing, grubbing, grading, drainage structures and sand-clay surface, at and for its bid of \$82,101.15, plus allowance for overhaul.

Project 669-Y, Road 27, Collier county, to Kerr & Lawrence, Okeechobee, for clearing, grubbing, grading and drainage structures, at and for their bid of \$90,641.36.

BE IT FURTHER RESOLVED, That the Chairman and Secretary be and they are hereby author-

ized to execute contracts in pursuance of this resolution.

Use of Macasphalt on Federal Aid Projects

John E. Ballenger of Lakeland requested that the Department take up with the U. S. Bureau of Public Roads the approval of the use of Macasphalt on Federal Aid projects. On motion of Mr. Shands, seconded by Mr. Bayliss, the following resolution was adopted:

BE IT RESOLVED, That the State Highway Engineer be and he is hereby directed to take up with the Bureau of Public Roads, for its approval or rejection, the use of Macasphalt on Federal Aid projects.

Orange County—Project 572-A, Road 2, and Road 22

On motion of Mr. Shands, seconded by Mr. Bayliss, the following resolution was adopted:

BE IT RESOLVED, That the Chairman be requested to advise Orange county that this Department is not in a position to comply with their requests as to Road 2 between Plymouth and Orlando, and Road 22 during the present year.

Gulf Coast Highway

On motion of Mr. Shands, seconded by Mr. Bayliss, the following resolution was adopted:

RESOLVED, That the Chairman be and he is instructed to write to the counties along the Gulf Coast Highway, that this Department will receive such monies as they may have available for the construction of the Gulf Coast Highway, and use the same as and when offered.

Wakulla County—Road 10

On motion of Mr. Shands, seconded by Mr. Bayliss, the following resolution was unanimously adopted:

BE IT RESOLVED, That the construction of State Road 10 between the Leon county line and the Wakulla river be placed in the budget for 1929.

Levy County—Roads 15 and 13

The Chairman stated that Levy county has \$350,000.00 of unsold bonds applicable to the construction of State Road 15 which they are willing to turn over to the Department at par and that they have applicable to the construction of Road 13 between Bronson and Ellzey \$35,000 of bonds and \$25,000 in cash. On motion of Mr. Bentley, seconded by Mr. Bayliss, the following resolution was adopted:

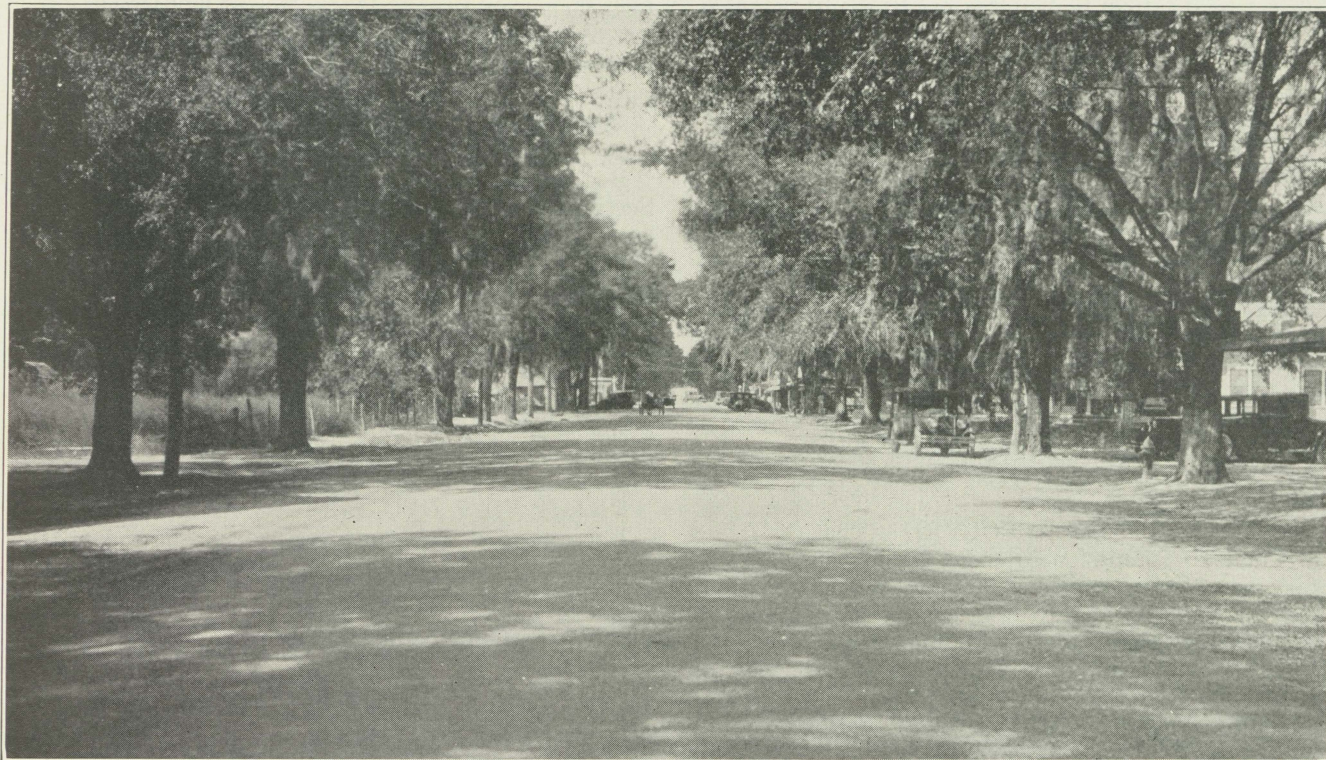
BE IT RESOLVED, That Mr. Shands, member of this Department, be authorized to negotiate with the county commissioners of Levy county on a program for the construction of State Road 13.

On motion of Mr. Shands, seconded by Mr. Perkins, the following resolution was adopted:

BE IT RESOLVED, That the Chairman be requested to write the county commissioners of Levy county that before the Department can act upon their proposal as to State Road 15, it must have more definite information as to the location of said road and the amount which will be necessary for the construction of same.

Madison County—Road 35

A delegation from Madison county, consisting of the county commissioners and others, appeared and requested information as to the status of State Road 35. They were informed that the Department will take over county funds as they may be available and apply them to the surfacing of the road as far as such county funds will extend.



Road No. 19, Levy County. Scene in Williston.

Flagler County—Road 28—Location

Mr. Perkins offered a resolution that the former action of the Department in locating Road 28 in Flagler county and adopting the southern survey be rescinded. There was no second to the resolution.

Mr. Shands offered a resolution that the former action of the Department in locating State Road 28 in Flagler county stand as adopted. There was no second to the resolution.

Escambia County—Road 125

On motion of Mr. Bayliss, seconded by Mr. Shands, the following resolution was adopted:

BE IT RESOLVED, That this Department is disposed to take over for maintenance three miles of Road 125 in Escambia county, as requested, provided it is found that the same has been constructed on state specifications.

Glades County—Road 67

On motion of Mr. Shands, seconded by Mr. Perkins, the following resolution was adopted:

BE IT RESOLVED, That that portion of State Road 67 between Moore Haven and Clewiston be placed in the 1929 budget for maintenance.

Hernando County, Roads 15 and 23—Jefferson County, Roads 11 and 19—Duval County, Road 78

On motion of Mr. Shands, seconded by Mr. Bayliss, the following resolution was adopted:

BE IT RESOLVED, That the Chairman be and he is hereby directed to advise the officials of Hernando, Jefferson and Duval counties that this department is unable to comply with the requests which they have submitted at this meeting during the year 1929.

Dixie County—Road 19

On motion of Mr. Shands, seconded by Mr. Perkins, the following resolution was adopted:

BE IT RESOLVED, That the chairman be and he is hereby directed to advise the county commissioners

of Dixie county that the department will accept at par and offer for sale \$75,000.00 of county bonds, the proceeds to be used as far as the same will extend in the hard-surfacing of Road 19 between Oldtown and Cross City and with the use of convict forces.

Columbia County—Road 56

On motion of Mr. Shands, seconded by Mr. Perkins, the following resolution was adopted:

RESOLVED, That this department do hard-surface that section of Road 56 between the Union county line and Road 2, as an emergency measure to prevent stoppage in traffic over said road.

Columbia County—Road 5-A

Mr. Shands reported that he had ridden over Road 5-A in Columbia county, as directed, and found the condition of same to be as reported to the department at its last meeting.

Marion County—Road 19

On motion of Mr. Shands, seconded by Mr. Bayliss, the following resolution was unanimously adopted:

BE IT RESOLVED, That that portion of State Road 19 in Marion county, between the Levy county line and Ocala, be included in the department's 1929 budget for construction late in the present year.

Putnam County—Road 28

On motion of Mr. Shands, seconded by Mr. Bayliss, the following resolution was adopted:

BE IT RESOLVED, That there be added to the project now in the budget for construction on Road 28 in Putnam county, that section of said road between Grandin and Florahome.

Taylor County—Road 19

On motion of Mr. Shands, seconded by Mr. Bayliss, the following resolution was adopted:

BE IT RESOLVED, That there be placed in the budget for 1929 the surfacing of that portion of State Road 19, between Perry and the Madison county line, and

BE IT FURTHER RESOLVED, That there be

placed in the 1929 budget for grading with convicts, that section of Road 19, between Perry and Salem.

St. Lucie County—Road 8, Right-of-Way

On motion of Mr. Perkins, seconded by Mr. Shands, the following resolution was unanimously adopted:

WHEREAS, this department has found and determined, and it is hereby found and determined that it is necessary, wise and expedient to secure by purchase or by eminent domain the real estate hereinafter described, for the purpose of right-of-way for State Road 8 in St. Lucie County, Florida, and

WHEREAS, there has been submitted a map or plat which shows in detail the location of State Road 8, which said map or plat is hereto attached and marked "Exhibit A", Now, Therefore,

BE IT RESOLVED, That the said map or plat be and the same is hereby adopted and approved as and for the location of State Road 8 in St. Lucie county, and

BE IT FURTHER RESOLVED: That the Board of County Commissioners of St. Lucie county be and they are hereby requested and authorized to secure for this department, by purchase or condemnation, the lands necessary for a right-of-way for said State Road 8, and particularly the lands described as follows, to-wit:

TRACT NO. 1—CHARLES E. BOHANAN, OWNER

Beginning at the northwest corner of the southwest quarter of the southeast quarter of Section 9, T. 35, S. R. 40 E., thence S. 87 deg. 54 min. E., along center of Delaware Ave., 1002.4 feet to point of beginning of tract, thence continuing S. 87 deg. 54 min. E., 150.0 feet, thence South, 33.0 feet, thence N. 87 deg. 54 min. W., 150.0 feet, thence North 33.0 feet to point of beginning of tract, containing 11/100 of one acre, more or less.

TRACT NO. 2—MAGGIE L. ALMOND, OWNER

The North 33.0 feet of the northwest quarter of northeast quarter of southwest quarter of southeast quarter of Section 9, T. 35 S., R. 40 E., containing 1/4 acre.

TRACT NO. 3—THELMA AND T. CLAYTON ALMOND, OWNERS

Beginning at the northwest corner of the southwest quarter of southeast quarter of Section 9, T. 35 S., R. 40 E., thence S. 87 deg. 54 min. East, along center of Delaware Ave., 534.8 feet to point of beginning of tract, thence continuing S. 87 deg. 54 min. East, 137.6 feet, thence South 33.0 feet, thence N. 87 deg. 54 min. West, 137.6 feet, thence North 33.0 feet to point of beginning of tract, containing 1/10 of one acre, more or less.

TRACT NO. 4—MARGARET GARNETT ALMOND, MINOR, OWNER

Beginning at the northwest corner of the southwest quarter of southeast quarter of Section 9, T. 35 S., R. 40 E., thence S. 87 deg. 54 min. East, along center of Delaware Ave., 334.8 feet to point of beginning of tract, thence continuing S. 87 deg. 54 min. East, 200.0 feet, thence South 33.0 feet, thence N. 87 deg. 54 min. West, 200.0 feet, thence North, 33.0 feet to point of beginning of tract, containing 15/100 of one acre, more or less.

TRACT NO. 5—ROBERT P. DAY, OWNER

Beginning at the northwest corner of the southwest quarter of the southeast quarter of Section 9, T. 35 S., R. 40 E., thence S. 87 deg. 54 min. East, along center of Delaware Ave., 334.8 feet, thence South, 33.3

feet, thence on a curve of a radius of 922.4 feet to the left to a point 103.0 feet south of point of beginning, thence North, 103.0 feet to point of beginning of tract, containing 52/100 of one acre, more or less.

TRACT NO. 6—MINA MORSEY, WIDOW, OWNER

Beginning at a point 221.0 feet north of corner to Sections 17, 18, 19 and 20, T. 35 S., R. 40 E., thence from a tangent bearing S. 59 deg. 25 min. West, run on a curve to right of a radius of 2897.9 feet for a distance of 295.3 feet, thence S. 52 deg. 42 min. W., 97.7 feet to a point on south line of said Section 18, thence S. 89 deg. 15 min. West on section line 55.4 feet, thence North 52 deg. 42 min. East, 142.2 feet, thence on a two-degree curve to left 315.6 feet, to a point on east line of said section 18, thence south on Section line 38.7 feet to point of beginning, containing 32/100 of one acre, more or less.

TRACT NO. 7, GEO. E. PRINDIBLE, OWNER.

Beginning at the southwest corner of the northwest quarter of the northeast quarter of the northeast quarter of section 19, T. 35 S., R. 40 E., thence west 7.3 feet, thence S. 52 deg. 42 min. west, 779.3 feet, thence south .0 deg. 56 min. east 41.0 feet, thence S. 52 deg. 42 min. west 64.6 feet, thence S. 13 deg. .05 min. east 36.2 feet, thence N. 52 deg. 42 min. east 868.2 feet, thence N. 1 deg. 32 min. west 76.0 feet to point of beginning, containing 1.29 acres, more or less.

TRACT NO. 8, CONRAD AND ARMANDE FORGET, OWNERS

Beginning at the northeast corner of the southwest quarter of the southwest quarter of the southwest quarter of Section 24, T. 35 S., R. 39 E., thence N. 88 deg. 30 min. west, on land line 219.3 feet to center of State Road Eight and point of beginning of tract, thence S. 70 deg. 17 min. west, 49.0 feet, thence on a curve to right of radius of 2864.9 feet for a distance of 423.9 feet, thence north, 33.6 feet, thence from a tangent bearing N. 78 deg. 38 min. east, run on a curve to left of radius of 2831.9 feet for a distance of 381.6 feet, thence S. 88 deg. 30 min. east, 91.2 feet to point of beginning of tract, containing 32/100 of one acre, more or less.

TRACT NO. 9, J. E. BOUFFARD, OWNER.

Beginning at the quarter corner between Sections 23 and 26, T. 35 S., R. 39 E., thence north, 153.2 feet to center of State Road 8, thence N. 80 deg. 33 min. east, along said center of road 691.4 feet to point of beginning of tract, thence continue N. 80 deg. 33 min. east 690.5 feet, thence N. 0 deg. .03 min. east, 33.5 feet, thence S. 80 deg. 33 min. west, 690.5 feet, thence S. 0 deg. .02 min. east, 35.5 feet to point of beginning of tract, containing 52/100 of one acre, more or less.

TRACT NO. 10, SARAH R. DRAVO, OWNER

Beginning at a point in center of State Road 8 153.2 feet north of the quarter corner between Sections 23 and 26, T. 35 S., R. 39 E., thence S. 80 deg. 33 min. west, along said center of road 422.0 feet, thence on a curve to right of radius of 3819.8 feet for a distance of 342.5 feet, thence north 0 deg. 20 min., east 33.1 feet, thence from tangent bearing north 85 deg. 38 min. east, run on a curve to left of radius of 3786.8 feet for a distance of 336.9 feet, thence N. 80 deg. 33 min., E., 427.5 feet, thence S. 33.5 feet to point of beginning of tract, containing 58/100 of one acre, more or less.

TRACT NO. 11, ELIZABETH HUDSON TAYLOR, OWNER

Beginning at a point in center of State Road 8 603.8 feet east of corner to Sections 22, 23, 26 and 27, T. 35 S., R. 39 E., thence from tangent bearing N. 88 deg. east, run on a curve to the right of radii of 5729.6 feet for a distance of 229.1 feet, thence S. 89 deg. 42 min. east, 831.0 feet, thence on a curve to left of radii of 3819.8 feet for a distance of 307.5 feet, thence N. 0 deg. 20 min. east 33.1 feet, thence from tangent bearing S. 85 deg. 38 min. west, run on a curve to right of radii of 3786.8 feet for a distance of 307.5 feet, thence N. 89 deg. 42 min. west, 831.0 feet, thence run on a curve to left of radii of 5762.6 feet for a distance of 229.2 feet, thence south 33.0 feet to point of beginning of tract, containing 1.04 acres, more or less.

TRACT NO. 12, STUART E. AND MENA C. FRASER, PETER J. AND MAE TEELING, OWNERS

Beginning at a point in center of State Road 8 57.3 feet south of corner to Sections 22, 23, 26 and 27, T. 35 S., R. 39 E., thence from tangent bearing N. 81 deg. 57 min. E., run on a curve to right of radii of 5729.6 feet for a distance of 605.7 feet, thence north 33.0 feet, thence from tangent bearing S. 88 deg. .01 min. west, run on a curve to left of radii of 5762.6 feet for a distance of 605.8 feet, thence south 33.3 feet to point of beginning of tract, containing 46/100 of one acre, more or less.

TRACT NO. 13—H. S. AND KATHRYN LEE WEBSTER, OWNERS

Beginning at a point in center of State Road 8, 1786.5 feet South of the corner to Sections 21, 22, 27 and 28, T. 35 S., R. 39 E., thence S. 69 deg. 55 min., West, along said center of road, 704.8 feet to point of beginning of tract, thence continue S. 69 deg. 55 min. West, 703.9 feet, thence north, 35.2 feet, thence North 69 deg. 55 min. East, 703.9 feet, thence South, 35.2 feet to point of beginning of tract, containing 54/100 of one acre, more or less.

BE IT FURTHER RESOLVED, That said county commissioners be and they are hereby authorized to use the name of this department in any proceedings necessary to carry out the purposes of this resolution or to proceed in their own name as authorized by law.

BE IT FURTHER RESOLVED, That in event that they shall elect to proceed in the name of this department, that their attorneys be and they are hereby authorized to prepare, execute and file all necessary pleadings, affidavits and documents in connection therewith.

St. Lucie County—Road 8

On motion of Mr. Perkins, seconded by Mr. Shands, the following resolution was adopted:

BE IT RESOLVED, That the chairman be and he is hereby requested to advise the county commissioners of St. Lucie county that the department is unable to take over for maintenance Road 8 in said county, as requested, during the present year.

Duval County—Road 1 and Lem Turner Road

On motion of Mr. Shands, seconded by Mr. Bayliss, a resolution was adopted directing the chairman to notify the officials and other interested citizens in Duval county that the department can not undertake the widening of State Road 1, between Jacksonville and Lake City during the present year, and that it is not authorized by law to undertake the maintenance of what is known as the Lem Turner Road in said county.

Gilchrist County—Road 14

Mr. Shands reported that Gilchrist county has available for the construction of Road 14 the sum of \$90,000, which will be forthcoming.

Walton County—Project 841, Road 115

On motion of Mr. Bayliss, seconded by Mr. Shands, the following resolution was adopted:

RESOLVED, That the grading of Project 841, Road 115, Walton county, omitted by mistake, be placed in the revised budget for 1929.

Bay County—Project 831, Road 115

On motion of Mr. Perkins, seconded by Mr. Bayliss, the following resolution was adopted:

BE IT RESOLVED, That Project 831, Road 115, Bay county, be included in the budget for construction by convict forces.

Washington County—Project 739-C, Road 10

On motion of Mr. Bentley, seconded by Mr. Shands, it was resolved that Project 739-C be placed in the budget for 1929 in lieu of Project 739-A which appeared in the tentative budget.

Polk County—Road 2

A request was presented to the department that the construction of Road 2, between Bartow and Bowling Green be placed in the budget for 1929. After discussion it was the consensus of opinion that it was not possible to undertake this project during the present year.

Road 3—Rice Creek Bridge

On motion of Mr. Perkins, seconded by Mr. Shands, the following resolution was unanimously adopted:

BE IT RESOLVED, That the construction of a bridge across Rice Creek, on State Road 3, be included in the budget for 1929.

Road 3, Vero Beach to Lake Wales

The chairman presented to the department a request submitted to him that the State undertake the construction of State Road 30, between Vero Beach and Lake Wales. The matter was thoroughly discussed, but it was pointed out that this road has no preferential status and that the department is therefore unauthorized to undertake its construction.

Alachua County—Road 14

Mr. Shands presented to the members a request from Alachua county that the Department place a surface on that portion of Road 14 between Newberry and the Alachua county District No. 1 line. This matter having received careful consideration, the Chairman was requested to write the county commissioners that the Department is not authorized to comply with the request, since this portion of Road 14 has no preferential status.

Okeechobee County—Road 29

The Chairman brought to the attention of the members a request from the commissioners of Okeechobee county that the Department take up and continue the surfacing of Road 29 to Fort Drum from the point where the county money is exhausted. The road in question not having preferential status, the Chairman was directed to inform the county commissioners that the Department is unable to comply with their request.

Lake County, Roads 2 and 55—Lee County, Roads 2 and 25—Highlands County, Road 67, Lake Annie to Glades County Line

On motion of Mr. Shands, seconded by Mr. Bayliss, the following resolution was adopted:

RESOLVED, That the Chairman be and he is hereby directed to advise the officials of Lake, Lee and Highlands counties that the Department is not

in position to comply with their requests which have been presented at this meeting.

Sarasota County—Road 5

There was presented to the Department a request from Sarasota county that Road 5 from Venice south to Englewood be paved and that the Department take over and maintain the county road now in use as well as State Road 18. Upon motion of Mr. Shands, seconded by Mr. Perkins, the following resolution was adopted:

BE IT RESOLVED, That the paving of that section of Road 5 (part of Project 615) from Venice to the intersection of the present county road be placed in the 1929 budget.

Union County—Project 714

The Chairman presented to the members a telegram from Union county requesting that the construction of Project 714 be placed in the 1929 budget. After discussion it was the consensus of opinion that the request could not be granted.

Franklin County—Road 10

A telegram was received from the county commissioners of Franklin county urging the completion of Road 10 between Tallahassee and East Point.

Advertising for Bids

On motion of Mr. Shands, seconded by Mr. Bayliss, the following resolution was unanimously adopted:

BE IT RESOLVED, That the Chairman be and he is hereby authorized to advertise for bids on the following projects:

Road 28, Union county, from the west city limits of Lake Butler to New River.

Project 62-B, Road 24, Osceola county—bridges.

Project 587, Road 5-A, Columbia county.

Project 718, Road 5-A, Columbia county.

Project 518, Road 5-A, Lafayette county.

Project 716, Road 28, Bradford county.

Project 40-B, Road 4, Brevard county—bridge.

Projects 806-A, C and D, Road 25, Hendry county, LaBelle to Palm Beach county line.

BE IT FURTHER RESOLVED, That the advertisement for bids on Projects 587, 718 and 518 above described shall not be inserted until the county funds applicable thereto shall have been transferred.

Deposit of Bidders' Good Faith Checks

On motion of Mr. Shands, seconded by Mr. Perkins, the following resolution was adopted:

BE IT RESOLVED, That hereafter on the receipt of bids the good faith certified checks of the three lowest bidders in each instance shall be deposited in a local bank and cleared through the bank issuing same.

Road 4—Dania and Hollywood

The Chairman presented to the members a request of the citizens and officials of Dania and Hollywood asking that Road 4 be constructed through said municipalities to the width of a city street. After full discussion, the Chairman was requested to advise the petitioners that in view of the fact that there is already a usable road through these towns, the Department does not feel that it is possible to comply with their request.

DEATH OF HENRY G. WESTERVELT

The Chairman brought to the attention of the members a letter from Division Engineer Kinney detailing the facts surrounding the accidental drowning of Henry G. Westervelt, Chief Maintenance Foreman, while at work on a bridge. On motion of Mr. Shands, seconded by Mr. Perkins, the following resolution was adopted:

BE IT RESOLVED, That the Department does hereby approve the action of the Chairman in authorizing the payment of the funeral expenses of Henry G. Westervelt, who was accidentally drowned while on duty for the Department.

BE IT FURTHER RESOLVED, That the Chairman be further authorized to allow to the family of the said Henry G. Westervelt one month's additional salary.

Bridges Over Railways

The Attorney for the Department reported that he has taken up with the carriers, as directed, the matter of insurance of timber bridges over railroads and that negotiations are proceeding satisfactorily.

DeSoto County—Road 2

The Chairman presented to the members a request from the Kiwanis club of Arcadia that the Department complete Road 2 between Carlstrom Field and the Lee county line during the present year. After discussing and considering the matter, it was the consensus of opinion that it is impossible to comply with the request during the present year, and the Chairman was requested to so notify this organization.

Award of Contracts Approved Project 678, Road 10

On motion of Mr. Shands, seconded by Mr. Bayliss, the following resolution was adopted:

WHEREAS, The Department, after due advertisement, received and opened bids for hauling the rock for Project 678, Road 10, and,

WHEREAS, bids were received for said work as follows, to-wit:

J. W. Quillian	Daytona	\$10,991.50
McVay Lindsay & Sons	West Palm Beach	8,455.00
Tindel & Miller	Graceville	11,013.75
Lloyd Adams	Ocala	8,900.00
J. N. Faile	Panama City	10,680.00
Baker-Lewis Const. Co.	Apalachicola	10,680.00
M. B. Hawkins, Inc.	Panama City	9,567.50

AND, WHEREAS, McVay Lindsay & Sons were and are hereby declared to be the lowest responsible bidder therefor, Now, therefore,

BE IT RESOLVED, That the action of the chairman in awarding contract to said McVay Lindsay & Sons, at and for their bid price of \$8,455.00, be and the same is hereby ratified, approved and confirmed.

Printing of Biennial Report

On motion of Mr. Shands, seconded by Mr. Bayliss, the following resolution was adopted:

WHEREAS, the department, after due advertisement, received bids for the printing of the Biennial Report of the department to the governor, and

WHEREAS, The Record Company of St. Augustine was and is hereby declared to be the lowest responsible bidder therefor, Now, Therefore,

BE IT RESOLVED, That the action of the chairman in awarding the printing of the Biennial Report to the Record Company of St. Augustine, at and for its price of \$680 per 1,000 copies, be and the same is hereby ratified, approved and confirmed.

Expense Accounts Approved

On motion of Mr. Perkins, seconded by Mr. Shands, expense accounts of the members were approved and ordered paid, as follows:

J. Harvey Bayliss	February meeting	\$35.40
J. Harvey Bayliss	January meeting	50.40
Robert W. Bentley	Inspection Trips	53.70
W. A. Shands	Feb. meeting and Inspection trips	66.25

RESOLUTIONS APPLYING FOR FEDERAL AID

On motion of Mr. Shands, seconded by Mr. Bayliss, the following resolutions were unanimously adopted:

Road 28—Putnam and Flagler Counties

WHEREAS, Road No. 28 forms a part of the Federal Seven Per Cent System of Florida; and

WHEREAS, The State Road Department is desirous of obtaining Federal Funds to aid in the construction of that portion of Road No. 28, from San Mateo to Bunnell in the counties of Putnam and Flagler, Now, Therefore, Be It

RESOLVED, That the chairman is hereby authorized to submit plans and specifications to the Bureau of Public Roads and make application for Federal Aid for said project; and the department does hereby pledge that the necessary funds will be provided by said department for meeting Federal Aid on said proposed Federal Aid Project; and Be It Further

RESOLVED, That the State Highway Engineer be and he is hereby directed to commence the construction of said road as soon as all necessary plans are completed.

Road 50—Hamilton and Suwannee Counties

WHEREAS, Road No. 50 forms a part of the Federal Seven Per Cent System of Florida; and

WHEREAS, The State Road Department is desirous of obtaining Federal Funds to aid in the construction of the Suwannee River Bridge on Road No. 50 in the counties of Hamilton and Suwannee, Now, Therefore, Be It

RESOLVED, That the chairman is hereby authorized to submit plans and specifications to the Bureau of Public Roads and make application for Federal Aid for said bridge project; and the department does hereby pledge that the necessary funds will be provided by said department for meeting Federal Aid on said proposed Federal Aid Project; and Be It Further

RESOLVED, That the State Highway Engineer be and he is hereby directed to commence the construction of said bridge as soon as all necessary plans are completed.

Road 5—Collier County

WHEREAS, Road No. 5 forms a part of the Federal Seven Per Cent System of Florida, and

WHEREAS, the State Road Department is desirous of obtaining Federal Funds to aid in the construction of Gordon River Bridge on Road No. 5 in the County of Collier, Now, Therefore, Be It

RESOLVED, That the chairman is hereby authorized to submit plans and specifications to the Bureau of Public Roads and make application for Federal Aid for said bridge project; and the department does hereby pledge that the necessary funds will be provided by said department for meeting Federal Aid on said proposed Federal Aid Project; and Be It Further

RESOLVED, That the State Highway Engineer be and he is hereby directed to commence the construction of said bridge as soon as all necessary plans are completed.

Road 5—Charlotte County

WHEREAS, Road No. 5 forms a part of the Federal Seven Per Cent System of Florida, and

WHEREAS, The State Road Department is desirous of obtaining Federal Funds to aid in the construction of the Peace River Bridge on Road No. 5 in the County of Charlotte, Now, Therefore, Be It

RESOLVED, That the chairman is hereby authorized to submit plans and specifications to the Bureau of Public Roads and make application for Federal Aid

for said bridge project; and the department does hereby pledge that the necessary funds will be provided by said department for meeting Federal Aid on said proposed Federal Aid Project; and Be It Further

RESOLVED, That the State Highway Engineer be and he is hereby directed to commence the construction of said bridge as soon as all necessary plans are completed.

Road 5—Sarasota County

WHEREAS, Road No. 5 forms a part of the Federal Seven Per Cent System of Florida, and

WHEREAS, The State Road Department is desirous of obtaining Federal Funds to aid in the construction of the Myakka River Bridge on Road No. 5 in the County of Sarasota, Now, Therefore, Be It

RESOLVED, That the chairman is hereby authorized to submit plans and specifications to the Bureau of Public Roads and make application for Federal Aid for said bridge project; and the department does hereby pledge that the necessary funds will be provided by said department for meeting Federal Aid on said proposed Federal Aid Project; and Be It Further

RESOLVED, That the State Highway Engineer be and he is hereby directed to commence the construction of said bridge as soon as all necessary plans are completed.

Road 5—Hillsborough County

WHEREAS, Road No. 5 forms a part of the Federal Seven Per Cent System of Florida; and

WHEREAS, The State Road Department is desirous of obtaining Federal Funds to aid in the construction of the Alafia River Bridge on Road No. 5 in the County of Hillsborough, Now, Therefore, Be It

RESOLVED, That the chairman is hereby authorized to submit plans and specifications to the Bureau of Public Roads and make application for Federal Aid for said bridge project; and the department does hereby pledge that the necessary funds will be provided by said department for meeting Federal Aid on said proposed Federal Aid Project; and Be It Further

RESOLVED, That the State Highway Engineer be and he is hereby directed to commence the construction of said bridge as soon as all necessary plans are completed.

Road 4—Duval County

WHEREAS, Road No. 4 forms a part of the Federal Seven Percent System of Florida, and,

WHEREAS, The State Road Department is desirous of obtaining Federal funds to aid in the construction of that portion of Road No. 4 from South Jacksonville to Bayard in the county of Duval; now, therefore,

BE IT RESOLVED, That the Chairman is hereby authorized to submit plans and specifications to the Bureau of Public Roads and make application for Federal Aid for said project; and the Department does hereby pledge that the necessary funds will be provided by said Department for meeting Federal Aid on said proposed Federal Aid project; and,

BE IT FURTHER RESOLVED, That the State Highway Engineer be and he is hereby directed to commence the construction of said road as soon as all necessary plans are completed.

Road 4—St. Johns County

WHEREAS, Road No. 4 forms a part of the Federal Seven Percent System of Florida; and,

WHEREAS, The State Road Department is desirous of obtaining Federal funds to aid in the con-

struction of San Sebastian bridge on Road No. 4 in the county of St. Johns; now, therefore,

BE IT RESOLVED, That the Chairman is hereby authorized to submit plans and specifications to the Bureau of Public Roads and make application for Federal Aid for said bridge project; and the Department does hereby pledge that the necessary funds will be provided by said Department for meeting Federal Aid on said proposed Federal Aid project; and,

BE IT FURTHER RESOLVED, That the State Highway Engineer be and he is hereby directed to commence the construction of said bridge as soon as all necessary plans are completed.

Road 4—Palm Beach County

WHEREAS, Road No. 4 forms a part of the Federal Seven Percent System of Florida; and,

WHEREAS, The State Road Department is desirous of obtaining Federal funds to aid in the construction of Palm Beach Canal bridge on Road No. 4 in the county of Palm Beach; now, therefore,

BE IT RESOLVED, That the Chairman is hereby authorized to submit plans and specifications to the Bureau of Public Roads and make application for Federal Aid for said bridge project; and the Department does hereby pledge that the necessary funds will be provided by said Department for meeting Federal Aid on said proposed Federal Aid project; and,

BE IT FURTHER RESOLVED, That the State Highway Engineer be and he is hereby directed to commence the construction of said bridge as soon as all necessary plans are completed.

Road 4—Broward County

WHEREAS, Road No. 4 forms a part of the Federal Seven Percent System of Florida; and,

WHEREAS, The State Road Department is desirous of obtaining Federal funds to aid in the construction of the following bridges: Middle River, Hillsboro Canal, Pompano Canal, Tarpon River and Hammarshee Canal on Road 4 in the county of Broward; now, therefore,

BE IT RESOLVED, That the Chairman is hereby authorized to submit plans and specifications to the Bureau of Public Roads and make application for Federal Aid for said bridge projects; and the Department does hereby pledge that the necessary funds will be provided by said Department for meeting Federal Aid on said proposed Federal Aid projects; and,

BE IT FURTHER RESOLVED, That the State Highway Engineer be and he is hereby directed to commence the construction of said bridges as soon as all necessary plans are completed.

Road 4—Brevard County

WHEREAS, Road No. 4 forms a part of the Federal Seven Per Cent System of Florida; and

WHEREAS, The State Road Department is desirous of obtaining Federal Funds to aid in the construction of Crane Creek Bridge on Road No. 4 in Brevard county, Now, Therefore, Be It

RESOLVED, That the chairman is hereby authorized to submit plans and specifications to the Bureau of Public Roads and make application for Federal Aid for said project; and the department does hereby pledge that the necessary funds will be provided by said Department for meeting Federal Aid on said proposed Federal Aid project; and Be It Further

RESOLVED, That the State Highway Engineer

be and he is hereby directed to commence the construction of said bridge as soon as all necessary plans are completed.

Road 17—Polk County

WHEREAS, Road No. 17 forms a part of the Federal Seven Per Cent System of Florida; and

WHEREAS, The State Road Department is desirous of obtaining Federal Funds to aid in the construction of that portion of Road No. 17 from Haines City to Lakeland, in Polk county, Now, Therefore, Be It

RESOLVED, That the chairman is hereby authorized to submit plans and specifications to the Bureau of Public Roads and make application for Federal Aid for said project; and the department does hereby pledge that the necessary funds will be provided by said department for meeting Federal Aid on said proposed Federal Aid Project; and Be It Further

RESOLVED, That the State Highway Engineer be and he is hereby directed to commence the construction of said road as soon as all necessary plans are completed.

Road 17—Hillsborough County

WHEREAS, Road No. 17 forms a part of the Federal Seven Per Cent System of Florida; and

WHEREAS, The State Road Department is desirous of obtaining Federal Funds to aid in the construction of that portion of Road No. 17, from Plant City to Tampa, in Hillsborough county, Now, Therefore, Be It

RESOLVED, That the chairman is hereby authorized to submit plans and specifications to the Bureau of Public Roads and make application for Federal Aid for said project; and the department does hereby pledge that the necessary funds will be provided by said department for meeting Federal Aid on said proposed Federal Aid Project; and Be It Further

RESOLVED, That the State Highway Engineer be and he is hereby directed to commence the construction of said road as soon as all necessary plans are completed.

Approaches to Helena Run Bridge

The State Highway Engineer reported that he has made an estimate, as requested, of constructing the approaches to the Helena Run Bridge on Road 2, Lake county, which estimate amounts to \$7,500.00.

On motion of Mr. Shands, seconded by Mr. Bayliss, the following resolution was unanimously adopted:

RESOLVED, That the Chairman be and he is hereby authorized to advertise for bids for the construction of the approaches to Helena Run Bridge, Road 2, Lake county.

Marion County—Mules and Equipment

The chairman brought to the attention of the members a letter from Marion county in which it was stated that the county has a number of mules, graders and other equipment which it desires to sell, and that it will take for such mules and equipment a price of \$250.00 per team of two mules, the said price, however, to include not only the mules, but the harness and one wheeler to each pair of mules; and in the event that the department purchases the entire outfit, to throw in one water wagon.

On motion of Mr. Shands, seconded by Mr. Bayliss, the following resolution was adopted:

RESOLVED, That the chairman be and he is hereby authorized to purchase mules and equipment from Marion county on the basis of their offer submitted and above outlined.

Adoption of Budget for 1929

On motion of Mr. Shands, seconded by Mr. Bayliss, the following resolution was unanimously adopted:

BE IT RESOLVED, That the Budget of maintenance and construction work for the year 1929, as

revised and amended, be and the same is hereby adopted as the budget for 1929.

BE IT FURTHER RESOLVED, That the final budget so adopted is in the words and figures as follows, to-wit:

Florida State Road Department Budget of Construction Work for 1929

Road No.	Project No.	County	From	To	Length Miles	L'gth Feet	Allocation
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PAVING CONTRACTS UNDER CONSTRUCTION

1	52	Escambia	Pensacola—Escambia Bay Bridge	10.08		\$ 203,982.90
1	672	Leon	Tallahassee—Gadsden County Line	9.92		208,641.07
1	673	Gadsden	Leon County Line—Quincy	14.97		292,508.17
2	53 A-C	Lake	Dead River—Tavares	2.85		46,616.40
2	687-B	Lake	Groveland—Polk County Line	15.00		106,877.19
4	858	Duval	Goodby's Lake—Mandarin	9.50		93,802.98
5	614	Sarasota	Sarasota—Venice	17.34		38,760.16
5-A	719	Suwannee	Itchtucknee River—Suwannee River	8.57		43,022.89
10	56	Leon	Tallahassee—Georgia State Line	17.98		338,864.44
13	677-D	Levy	Wylly—Cedar Key	8.91		4,540.56
14	55	Alachua	Gainesville—Putnam County Line	16.17		206,412.22
25	807-A	Palm Beach	Belle Glade—Lake Harbor	10.81		68,029.36
25	807-C	Palm Beach	Lake Harbor—Hendry County Line	6.14		54,200.94
26	804	Glades	Highlands County Line—Main's Corner	18.55		183,248.43
50	624	Hamilton	Jasper—Suwannee River	6.23		84,888.18
50	763	Suwannee	Suwannee River—Live Oak	12.23		150,199.28
50	764	Suwannee	Live Oak—Pinemount	12.00		134,144.57
50	765	Suwannee	Pinemount—Branford	7.00		94,113.63
Total					204.25	\$2,352,853.47

BRIDGES UNDER CONSTRUCTION

1		Duval	Enterprise Viaduct	1,420	\$ 83,898.50
10	680	Bay	East Bay Bridge	4,000	129,745.85
10	681	Bay	West Bay Bridge	7,530	333,472.72
5	769	Lee	Caloosahatchee River Bridge	4,430	566,501.99
96	820-B	Jefferson	S. A. L. Overhead		1,268.20
Total				17,380	\$1,114,887.26

GRADING CONTRACTS UNDER CONSTRUCTION

10	788	Walton	Freeport—Okaloosa County Line	17.54	\$ 164,274.07
10	802-A	Okaloosa	Walton County Line—Niceville	7.76	61,873.81
10	802-C	Okaloosa	Niceville—Camp Walton	10.24	42,900.84
10	803	Okaloosa	Camp Walton—Santa Rosa County Line	11.13	79,649.53
11	720	Jefferson	Monticello—Capps	9.64	8,000.00
14	55	Alachua	Gainesville—Putnam County Line	16.17	8,000.00
17	732	Polk	Auburndale—Lakeland	9.47	10,000.00
17	755	Polk	Auburndale—Haines City	11.22	14,000.00
24	62-A	Osceola	Kissimmee—St. Cloud	12.52	12,400.00
24	62-C	Osceola	St. Cloud—Holopaw	11.83	20,434.44
24	62-D	Osceola	Holopaw—Brevard County Line	12.66	21,081.96
33	733	Walton	Project 652—Alabama State Line	4.23	45,760.83
40	734	Walton	DeFuniak North—Project 735	7.89	68,609.00
40	735	Walton	Project 734—Alabama State Line	13.71	127,077.47
40	751	Walton	DeFuniak South—Project 752	7.28	53,739.49
40	752	Walton	Freeport North—Project 751	8.72	62,498.05
41	824	Okaloosa	Hilton's Switch—Alabama State Line	9.81	13,717.02
43	722	Jefferson	Lloyds—Wacissa	8.83	20,573.33
50	624	Hamilton	Jasper—Suwannee Springs	6.47	6,000.00
54	815	Okaloosa	Shoal River—Niceville	13.58	13,066.23
115	842	Walton	Horse Shoe Bayou—Okaloosa County Line	10.15	76,591.51
0	827	Escambia	Escambia Bridge—Pensacola	8.12	8,400.00
Total				228.97	\$ 938,647.58

PAVING PROJECTS—CONTRACTS AND CONVICTS

10	685	Franklin	Carrabelle—Eastpoint	18.46	\$ 188,662.00
10	740	Gulf	Port St. Joe—Bay County Line	9.62	12,000.00
10	743	Bay	Gulf County Line—East Bay Bridge	18.25	245,000.00
66	723	Leon	Tallahassee—Range (2-3) West	11.76	35,500.00
66	724	Leon	Range (2-3) West—Ochlockonee River	12.59	53,350.00
Total				70.68	\$ 534,512.00

MAINTENANCE CONTRACTS

25		Palm Beach	20-Mile Bend—Belleglade	3.00	\$ 38,568.47
27	669-C	Dade	Project 669-B—Station 1465	12.00	36,374.94
27	669-D	Dade	Project 669-C—Monroe County Line	12.30	829.99
27	669-E	Dade	Sec. (21-22)—Collier County Line	4.55	5,505.50
27	669-W	Collier	Carnestown—Palm Hammock	16.00	15,225.55
27	669-V	Collier	Dade County Line—Carnestown	32.00	13,901.04
Total				79.85	\$ 110,405.49

Florida State Road Department Budget of Maintenance and Construction Work for 1929—(Continued)

Road No.	Project No.	County	From	To	Length Miles	L'gth Feet	Allocation
COMPLETED PROJECTS—FINAL ESTIMATE DUE							
1	6	Madison	Greenville—Aucilla River		5.60		\$ 495.91
2	695	Lake	Silver Lake Forks—Eustis		10.50		10,984.55
2	695-B	Lake	Haynes Creek Bridge			509	3,451.89
2	661	Lake	Leesburg—Dead River		3.52		750.00
2	648	Hardee	Zolfo—Brownsville		14.19		4,563.07
3	421	Nassau	St. Mary's River Bridge			560	819.09
4	640-A	Martin	Stuart—Gomez		9.00		337.16
4	641-A	Palm Beach	Jupiter—West Palm Beach		13.36		4,349.32
4	40-B	Brevard	Turkey Creek Bridge			108	1,000.00
4	48-A	St. Johns	St. Augustine—Pellicers Creek		15.39		1,005.86
4	49-A	Flagler	Pellicer's Creek—Bunnell		13.81		1,220.80
4	597	Volusia	New Smyrna—Brevard County Line		16.24		5,099.27
5	614	Sarasota	Sarasota—Venice		17.34		2,781.10
5	682-B	Citrus	A. C. L-S. A. L. Overhead			247	4,819.45
7	34	Escambia	Pensacola—Roberts		10.00		2,222.33
10	743-B	Bay	Timber Bridges			120	2,418.61
10	592	Franklin	Apalachicola—Gulf County Line		7.89		16,057.55
10	740	Gulf	Port St. Joe—Bay County Line		9.62		1,727.82
13	677-A	Levy	Archer—Bronson		6.96		7,100.61
14	50-B	Putnam	Project 50-A—Interlachen		9.77		2,500.00
14	50-C	Putnam	Interlachen—Putnam County Line		10.03		15,466.60
19	676-B	Levy	Bronson—Chiefland		13.40		1,504.00
28	706-B	Putnam	Florahome—Palatka		14.91		7,957.16
28	713	Columbia	Mt. Carrie—Union County Line		10.00		53.81
28	717	Bradford	Starke—Putnam County Line		10.93		9,317.71
Total					222.46	1,544	\$108,003.67
GRADING CONSTRUCTION—CONVICTS							
10	688	Bay	West Bay Bridge—Gulf of Mexico		9.31		\$ 10,000.00
10	766	Bay	Washington County Line—West Bay		8.74		45,000.00
10	767	Bay	City of West Bay—Gulf of Mexico		5.27		16,000.00
10	787	Walton	Ebro—Freeport		16.30		137,120.00
13	798	Nassau	Callahan—Yulee		15.30		94,367.55
14	749	Gilchrist	Suwannee River—Trenton		7.81		18,236.56
14	750	Gilchrist	Trenton—Newberry		12.97		12,976.93
19	726	Dixie	Cross City—Suwannee River		12.59		43,825.39
19	744	Madison	Jefferson County Line—Taylor County Line		5.78		7,797.97
19	745	Taylor	Madison County Line—Perry		15.95		5,498.71
39	739-C	Washington	Project No. 787—Bay County Line		1.72		18,320.00
115	831	Bay	Road No. 10—Walton County Line		7.16		43,020.00
115	840	Walton	Bay County Line—Point S of Port Washington		10.45		55,933.00
115	841	Walton	Point S. Port Washington—Horseshoe Bayou		6.14		45,319.14
115	844-A	Okaloosa	Walton County Line—East Pass		7.10		34,142.00
115	844-C	Escambia	East Pass—Camp Walton		5.63		41,229.00
Total					148.22		\$ 628,786.25
RECONSTRUCTION							
1	621-C	Okaloosa	Yellow River Bridge				\$ 12,000.00
6	501	Calhoun	Blountstown—Scott's Ferry		12.00		10,000.00
6	501-C	Calhoun	Blountstown—Jackson County Line		15.00		93,500.00
6	501-D	Calhoun	Scott's Ferry—Wewahitchka		14.20		75,000.00
6	560	Gulf	Canal Wewahitchka		20.00		13,900.00
20	515	Jackson	Bay County Line—Cottondale		16.60		25,000.00
20	500-B	Bay	Bayou George—Nixon		12.75		2,000.00
20	500-C	Bay	Nixon—Jackson County Line		12.18		73,410.00
Total					102.73		\$304,810.00
ROADS GRADED—PAVEMENT TO BE CONSTRUCTED							
1	6	Madison	Aucilla River—Greenville		5.60		\$ 95,000.00
2	661	Lake	Approaches Helena Run Bridge		0.20		7,500.00
2	695	Lake	Haynes Creek—Eustis		6.50		100,000.00
4	653	Broward	Palm Beach County Line—Ft. Lauderdale		13.46		410,000.00
4	683-C	Palm Beach	Delray—Broward County Line		8.27		250,000.00
5	615	Sarasota	Venice—Intersection of Englewood Road		1.20		21,600.00
5-A	587	Columbia	Ft. White—Itchtucknee River		4.37		60,000.00
5-A	718	Columbia	Santa Fe River—Ft. White		8.22		115,000.00
5-A	518	Lafayette	Mayo—Branford		17.75		220,000.00
10	644-C	Wakulla	Leon County Line—Wakulla River		5.05		76,150.00
10	728	Leon	Tallahassee—Wakulla County Line		11.67		175,850.00
10	678	Bay	East Bay Bridge—West Bay Bridge		8.72		165,000.00
13	742	Alachua	Gainesville Dist. Line—Levy County Line		7.65		100,000.00
14	749	Gilchrist	Suwannee River—Trenton		7.81		128,000.00
14	750	Gilchrist	Trenton—Newberry		12.97		199,000.00
17	710-A	Hillsborough	Thonotosassa Road—West		6.30		157,500.00

Florida State Road Department Budget of Maintenance and Construction Work for 1929—(Continued)

Road No.	Project No.	County	From	To	Length Miles	L'gth Feet	Allocation
ROADS GRADED—PAVEMENT TO BE CONSTRUCTED—(Continued)							
17	710-C	Hillsborough	Project 710-A Tampa		12.69		317,250.00
17	732	Polk	Auburndale—Lakeland		9.47		222,000.00
17	755	Polk	Auburndale—Haines City		11.22		246,000.00
19	698	Leon	Tallahassee—Jefferson County Line		12.45		186,750.00
19	726	Dixie	Cross City, Suwannee River		12.59		201,440.00
19	745	Taylor	Perry—Madison County Line		15.95		181,038.45
24	62-A	Osceola	Kissimmee—St. Cloud		12.52		228,000.00
24	62-C	Osceola	St. Cloud—Holopaw		11.83		209,000.00
24	62-D	Osceola	Holopaw—Brevard County Line		12.66		230,000.00
28	715	Union	West City Limits Lake Butler—Bradford Co. L.		5.26		89,420.00
28	716	Bradford	Starke—Union County Line		11.12		143,000.00
28	717	Bradford	Starke—Clay County Line		10.93		165,000.00
28	706-A	Putnam-Clay	Bradford County Line—Florahome		12.32		209,450.00
56		Columbia	Union County Line—Road No. 2		2.00		22,000.00
0	827	Escambia	Pensacola—Escambia Bridge		8.12		17,500.00
Total					286.87		\$4,948,448.45

PROJECTS ON FIRST PREFERENTIAL LIST TO BE CONSTRUCTED

2	53-D	Lake	Mt. Dora—Tavares		4.50		\$ 60,000.00
3	57	Nassau-Duval	Across Nassau Swamp		3.00		100,000.00
3	721-B	Putnam	Rice Creek Bridge			384	120,000.00
4	60	Flagler-Volusia	Korona—Rose Bay		21.28		150,000.00
4	40-B	Brevard	Approaches Turkey Creek Bridge		.20		12,000.00
4	608	Brevard	Eau Gallie—End of Concrete Pavement		2.00		20,000.00
4	853	Brevard	Crane Creek Bridge			125	75,000.00
4	653-B	Broward	Middle-Pompano-Hillsborough River Bridges			523	152,000.00
4	654-B	Broward	Hammarshree—Tarpon River Bridges			86	41,000.00
4	683-B	Palm Beach	Palm Beach Canal Bridge			196	90,000.00
4	784	St. Johns	San Sebastian Bridge			480	125,000.00
4		Duval	South Jacksonville—Bayard		12.00		73,500.00
5	835	Marion-Citrus	Withlacoochee River Bridge			264	40,000.00
5	581-B	Hillsborough	Alafia River Bridge			436	150,000.00
5	615-B	Sarasota	Myakka River Bridge			465	120,000.00
5	772	Charlotte	Peace River Bridge			4,258	540,000.00
19	756	Marion	Levy County Line—Ocala		19.78		180,000.00
19	845	Taylor	Salem—Athena		8.57		70,560.00
19	846	Taylor	Athena—Perry		10.26		82,500.00
24	62-B	Osceola	Concrete Bridges			866	110,000.00
25	805-806	Hendry	Palm Beach County Line—Lee County Line		44.11		220,500.00
27	669-Y	Collier	Naples—Lee County Line		13.55		117,000.00
27	669-Y	Collier	Gordon River Bridge			350	90,000.00
50	624-B	Hamilton-Suwannee	Suwannee River Bridge			450	90,000.00
Total					139.25	8,883	\$2,829,060.00

PROJECTS ON SECOND PREFERENTIAL LIST TO BE CONSTRUCTED

5-A	587-B	Columbia	Itchtueknee River Bridge			99	\$ 18,000.00
10	832-833	Santa Rosa	Milton—Okaloosa County Line		24.00		120,000.00
10		Washington-Walton	Choctawhatchee River Bridge			2,500	100,000.00
15	794	Hernando	Citrus County Line—Aripeka		20.00		60,000.00
28	799	Putnam	San Mateo—Flagler County Line		6.18		50,000.00
28	800	Flagler	Putnam County Line—Bunnell		17.55		140,400.00
28	715-B	Union-Bradford	New River Bridge			1,200	35,000.00
Total					67.73	3,799	\$ 523,400.00

PROJECTS ON STATE SYSTEM TO BE FINANCED WHOLLY BY COUNTIES

42	738	Jefferson	Aucilla—Lamont		10.17		\$ 70,000.00
54	815	Okaloosa	Shoal River—Niceville		13.58		34,000.00
60	854	Walton	DeFuniak Springs—Glendale		9.81		96,500.00
60	855	Walton	Glendale—Alabama State Line		9.32		93,600.00
96	820	Jefferson	Monticello—Waukeenah		9.45		68,000.00
96	821	Jefferson	Waukeenah—Wacissa		5.18		30,000.00
Total					57.51		\$ 392,100.00

Minutes Approved

The minutes of the meetings of the department held January 28 to 30 and February 19 were read.

On motion of Mr. Shands, seconded by Mr. Bayliss, the said minutes were ordered approved.

There appearing no further business, the department was adjourned.

Knows His Business

"Is he a good rabbit dog?" inquired the hunter, after inspecting the animal.

"I'll say he is!" the dealer replied with pride. "You should have seen the way he went after my wife's new sealskin coat!"—American Legion Monthly.



Road 3. Orange City, Volusia County.

GOOD ROADS FILM DRAMATIZES STORY OF TOLL-GATE KEEPER

"Travelers Toll," a three-reel film just released for distribution by the United States Department of Agriculture, is a dramatization of the tale of an old time toll-gate keeper as told to two young transcontinental motorists. He tells of the discarding of the toll-collection and tax-labor methods of paying for road improvement and of the adoption of modern methods based upon property taxes, motor vehicles fees, gasoline taxes and bond issues, which is making possible the rapid improvement of the highways of the United States. The film was produced by the Office of Motion Pictures for the Bureau of Public Roads. The old man's yarn begins in 1875, when he was a young toll-gate keeper, and when the only good roads were those built by turn-pike companies and supported by tolls. The roads were well kept as long as traffic was sufficient to pay for repairs.

One series of scenes shows the inefficiency of the discarded system of maintaining public roads by crews of citizens, each working two or three days a year, with pick and shovel, in lieu of tax payment. Then follows the coming of a railroad branch line which eventually takes traffic from the turn-pike and causes the toll-gate keeper much anxiety as to his income. With dwindling traffic, the pike goes from bad to worse until it is taken into the State highway system.

With the coming of the automobile, the keeper listens to the strenuous objection of drivers to the annoyance and bother of paying tolls, and with the taking down of the toll rate board and the posting of the State control notice, the old gatekeeper is out of a job. Unwilling to leave the highway he erects a gasoline filling station on the site of the old toll-

gate. And here the transcontinental motorists have their tank filled and listen to the old man's tale of how the State, in order to build roads demanded by automobile traffic, levied a property tax and a small license fee, not large enough, however, to discourage increased use of motor-vehicles, of how automobile traffic increased so rapidly that the State was later compelled to speed up road improvement, and to obtain ready money issued road bonds and adopted the gasoline tax to pay the interest and principal thereon. The old keeper tells how he feared the gas tax would put him out of business, until he remembered there was no complaint of tolls as long as the road was well kept. Then, he said, he decided to support the bond issue.

About 30 minutes are required for showing the film. Requests for it should be addressed to the Office of Motion Pictures, United States Department of Agriculture, Washington, D. C. Transportation costs are to be paid by the borrower.—Michigan Roads and Pavements.

Not So Dumb

A large building was under construction in a neighboring city. Extra help was needed. A feeble-minded man was hired; he could at least push a wheelbarrow. Some forty men were lined up to carry bricks to the masons. The foreman noticed as the feeble-minded man passed that his wheelbarrow was turned upside down.

"Why don't you turn your wheelbarrow right side up?" he asked.

"Oh, every time I do they always fill it with bricks," was the answer.

"No girl ever made a fool out of me."

"Who was it, then?"—U. of S. Calif. Wampus.

Instrument Repairing by Experts

Q Surveying Instruments and other Technical Goods used by Engineers and Contractors, repaired and overhauled in the most completely equipped shop in the South.

Q Modern machinery, expert workmen and latest methods insure satisfactory results, reasonable prices and unusually quick delivery of all work entrusted to us.

*Technical Goods for the
Engineer and Contractor*

THE H. & W. B.
Drew Co.
EST. 1855 - QUALITY EVER SINCE

45-49 West Bay St. Jacksonville

M. D. MOODY

Distributor of Contractors' Equipment
401 Masonic Temple Bldg.
Warehouse, No. 2 Section, A. C. L. Yards
Jacksonville, Florida

J. D. ADAMS COMPANY, Leaning Wheel Graders.
BUFFALO SPRINGFIELD ROLLER CO., Road Rollers.
ELGIN SALES CORPORATION, Motor Pick-up Street Sweepers.
E. D. ETNYRE & COMPANY, Tar and Asphalt Distributors.
LITTLEFORD BROTHERS, Tar and Asphalt Heaters—Paving Tools.
CHAS. HVASS & COMPANY, Horse Drawn Sweepers.
MEAD-MORRISON MFG. COMPANY, Tractors, Gas Shovels, Grab Buckets.
LAKEWOOD ENGINEERING COMPANY, Finishing Machines, Chuting Equipment, Concrete Mixers.
AMERICAN MFG. COMPANY, Hand Shovels and Scoops.
FRUEHAUF TRAILER COMPANY, Four-wheels, Pole Trailers and Carryalls.
DEWALT PRODUCTS COMPANY, "Wonderworker" Saws.
AMERICAN TAR PRODUCTS COMPANY, "Tarmac" Road Tars.
CYCLONE FENCE COMPANY, Highway Guard Rail.
HIGHWAY SERVICE COMPANY, "Big Sandy and Handy Sandy," Slag and Rock Distributors.

MEET US AT THE SOUTHERN ROAD CONFERENCE
MARCH 19-23, 1929, AND SEE OUR EXHIBITS
AT JACKSONVILLE, FLA., STATE FAIR GROUNDS

Teacher Was Right

A pupil was having trouble with punctuation and was being called down by the teacher.

"Never mind, sonny," said the visiting school board president, consolingly, "it's foolish to bother about commas. They don't amount to much anyway."

"Don't they?" replied the teacher, turning to the president. Then calling to one of the pupils she ordered the boy to write on the board this sentence: "The president of the board says the teacher is a fool."

"Now," she continued, "put a comma after 'board' and another after 'teacher.'"

"Does your wife ever pay you any compliments?" asked Bob of his brother.

"Only in the winter," was the reply.

"In the winter? How do you mean?"

"When the fire gets low, she says, 'Alexander, the grate!'"

Briggs: "I've lost my new car."

Griggs: "Why don't you report it to the sheriff?"

Briggs: "He's the one that took it!"

Key to Contentment

What the great American home needs right now is a can-opener a woman can operate.—Council Bluffs Nonpareil.

We have often wondered, in our innocent way, whether the inventor of the telephone booth also designed the breakfast nook.—Louisville Times.

Magic of Latin

A farmer who was much troubled by trespassers during the nutting season consulted with a botanical friend. The botanist furnished him with the technical name of the hazel, and the farmer placed the following notice at conspicuous points about his premises:

"Trespassers, take warning! All persons entering this wood do so at their own risk, for, although common snakes are not often found, the *Corylus Avelana* abounds everywhere about here, and never gives warning of its presence."

The place was unmolested that year, and the farmer gathered his crop in peace.—The Churchman.

Bad Spill

First Hobo: "Raggles says he was raised in de lap of luxury."

Second Hobo: "Dat dame sure musta stood up."
—Boston Transcript.

Flying Landscape

"How did the new car behave on your vacation trip?"

"Splendidly. We averaged five antique shops to the gallon."—Washington Star.

Somewhere Else

The wife of a famous English bishop—whom we shall call John Smith—was recently very ill, and required a serious operation. As she recovered from the anesthetic, she was heard to murmur: "Am I in heaven? Am I in heaven? No, there's John."—Christian Register.

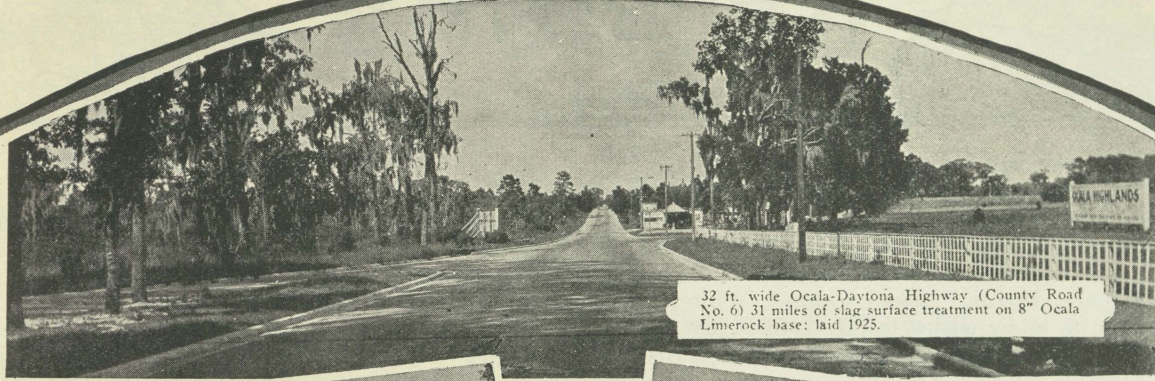
Status of Construction

THROUGH DECEMBER 31ST, 1928

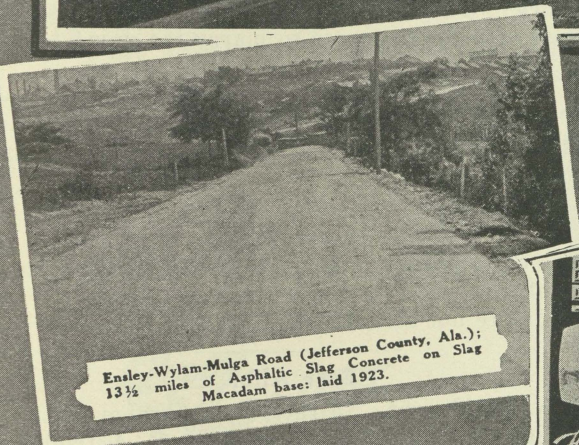
Proj. No.	Contractor	Road No.	County	Total Length Miles	Clearing Miles	Grading Miles	Base Miles	Surface Miles	Per Cent Complete
52	R. G. Lassiter & Co.	1	Escambia	10.00				0.00 Concrete	0.00
53-C	Manly Const. Co.	2	Lake	1.87			1.87	.19 Bit. Conc.	47.00
56	Nelson Brothers	10	Leon	17.98				7.55 Concrete	41.00
62-A	A. D. Weeks	24	Osceola	12.52	11.89	11.89		Graded	95.00
62-C	Everglades Const. Co.	24	Osceola	11.83	11.83	10.29		Graded	82.00
62-D	A. D. Weeks	24	Osceola	12.62	12.62	11.61		Graded	89.00
500-B	State Convict Forces	20	Bay	12.76	12.65	11.12		Graded	95.00
644-A	State Convict Forces	10	Wakulla	8.50			8.50	S.T.R.B.	100.00
669-C	H. E. Wolfe	27	Dade	12.12				12.12 S.T.R.B.	100.00
669-D	H. E. Wolfe	27	Dade	12.31				12.31 S.T.R.B.	100.00
669-V	H. E. Wolfe	27	Collier	19.72				19.72 S.T.R.B.	100.00
672	J. B. McCrary Engr. Corp.	1	Leon	9.92				0.00 Concrete	0.00
673	R. G. Lassiter & Co.	1	Gadsden	14.97				0.00 Concrete	0.00
685	Pararo Const. Co.	10	Franklin	18.46			7.56	0.00 S.T.R.B.	35.00
687-B	Wm. P. McDonald Const. Co.	2	Lake	14.02			12.62	0.00 S.T.R.B.	75.00
688	State Convict Forces	10	Bay	9.32	9.32	8.85		Graded	84.00
707	Leon County Forces	43	Leon	5.31	4.83	1.59		Graded	34.00
719	Broadbent Const. Co.	5-A	Suwannee	8.57			8.57	S.T.R.B.	71.00
720	Hardee-Fisher Co., Inc.	11	Jefferson	9.64	9.64	9.64		Graded	100.00
722	R. J. Carroll	48	Jefferson	8.83	8.83	6.80		Graded	84.00
723	State Convict Forces	66	Leon	10.31				7.82 Sand Clay	76.00
724	State & County Forces	66	Leon	11.10	11.10	9.99		Sand Clay	85.00
726	State Convict Forces	19	Dixie	12.57	10.72	9.46		Graded	60.00
728	State Convict Forces	10	Leon	11.65	11.65	11.18		Graded	97.00
733	W. J. Bryson Paving Co.	33	Walton	4.23	1.26	.25		0.00 Sand Clay	5.00
734	Penton-Mathis Const. Co.	40	Walton	7.89	2.00	0.00		0.00 Sand Clay	6.00
735	W. J. Bryson Paving Co.	40	Walton	13.71	2.73	.81		0.00 Sand Clay	10.00
736	C. G. Kershaw Const. Co.	39	Holmes	8.58	8.58	8.58		Graded	100.00
738	R. J. Carroll	42	Jefferson	10.17	0.00	0.00		Graded	0.00
740	Baker & Lewis	10	Gulf	9.63			9.63	S.T.R.B.	79.00
743	Baker & Lewis	10	Bay	18.25			3.65	0.00 S.T.R.B.	27.00
744	State Convict Forces	19	Madison	5.79	5.79	5.50		Graded	95.00
745	State Convict Forces	19	Taylor	15.95	15.15	15.15		Graded	96.00
749	State Convict Forces	14	Gilchrist	7.81	7.42	5.85		Graded	76.00
750	State Convict Forces	14	Gilchrist	12.97	7.65	5.44		Graded	45.00
751	W. J. Bryson Paving Co.	40	Walton	7.28	.42	0.00		0.00 Sand Clay	2.00
752	W. J. Bryson Paving Co.	40	Walton	8.72	.98	0.00		0.00 Sand Clay	3.00
763	Duval Engr. & Contr. Co.	50	Suwannee	12.23			0.00	0.00 S.T.R.B.	0.00
764	Duval Engr. & Contr. Co.	50	Suwannee	12.00			9.96	0.00 S.T.R.B.	62.16
765	Duval Engr. & Contr. Co.	50	Suwannee	7.00			0.00	0.00 S.T.R.B.	0.00
766	State Convict Forces	39	Bay	8.74	.35	0.00		Graded	1.00
767	State Convict Forces	39	Bay	5.27	4.76	2.00		Graded	45.00
780	F. W. Long & Co.	29	Okeechobee	11.00			0.00	0.00 S.T.R.B.	0.00
781	C. F. Walker	29	Okeechobee	11.00	11.00	11.00		Graded	100.00
781	F. W. Long & Co.	29	Okeechobee	11.00			0.00	0.00 S.T.R.B.	0.00
782	C. F. Walker	29	Okeechobee	6.62	6.62	6.62		Graded	90.40
787	State Convict Forces	10	Walton	16.27	2.50	.60		Graded	12.00
788	W. J. Bryson Paving Co.	10	Walton	17.54	0.00	0.00		Graded	0.00
798	State Convict Forces	13	Nassau	15.03	6.50	2.29		Graded	18.00
802-A	C. C. Hayes	10	Okaloosa	8.68	7.64	2.17		Graded	29.60
802-C	Curry & Turner	10	Okaloosa	10.24	2.00	1.00		Graded	11.00
803	Collins Const. Co.	10	Okaloosa	11.13	5.45	.75		Graded	10.00
804	C. A. Steed & Sons, Inc.	67	Glades	18.56	18.56	18.56	17.82	0.00 S.T.R.B.	86.00
807-A	R. C. Huffman Const. Co.	25	Palm Beach	10.82	10.82	10.82	8.41	0.00 S.T.R.B.	78.00
807-C	R. C. Huffman Const. Co.	25	Palm Beach	6.14	5.28	3.60	2.50	0.00 S.T.R.B.	44.00
815	Silas Gibson	54	Okaloosa	13.58	13.31	12.22		Graded	91.00
820	Curry & Turner Const. Co.	96	Jefferson	9.45	0.00	0.00		Graded	0.00
821	Bishop Contracting Co.	96	Jefferson	5.18	0.00	0.00		Graded	0.00
823	W. J. Bryson Paving Co.	41	Okaloosa	9.18	9.18	9.18		Graded	100.00
824	W. J. Bryson Paving Co.	41	Okaloosa	9.82	9.82	8.36		Graded	93.00
827	S. G. Collins		Escambia	8.12	8.12	7.50		Graded	95.00
840	State Convict Forces	115	Walton	10.45	1.00	.10		Graded	2.00
842	W. J. Bryson Paving Co.	115	Walton	10.00	0.00	0.00		Graded	0.00
844-A	State Convict Forces	115	Okaloosa	7.10	3.75	.30		Graded	5.00
844-C	State Convict Forces	115	Santa Rosa	5.63	5.00	.75		Graded	12.00
Total complete December 31st, 1928				2813.83	2757.11	1305.90	2009.94		
Complete month of December					9.21	10.97	15.93	43.85	
Total complete November 30th, 1928				2804.62	2746.34	1289.97	1966.09		

TOTAL MILEAGE COMPLETE

	Concrete	Brick	B. C.	S. A.	B. M.	Asph. Block	S.T.R.B.	S.T.S.C.	S. C.	Marl	Total
Complete to Nov. 30, 1928	276.63	17.13	37.22	112.94	109.44	23.20	996.60	174.09	257.87	27.58	2,033.18
Complete month of Dec.	2.52		.12				16.18		18.88		37.70
Complete to Dec. 31, 1928	279.15	17.13	37.34	112.94	109.44	23.20	1012.78	174.09	276.75	27.58	2070.88



32 ft. wide Ocala-Daytona Highway (County Road No. 6) 31 miles of slag surface treatment on 8" Ocala Limerock base; laid 1925.



Ensley-Wylam-Mulga Road (Jefferson County, Ala.); 13½ miles of Asphaltic Slag Concrete on Slag Macadam base; laid 1923.



F. A. P. 149 (Jefferson County): 16.6 miles of Slag Concrete paving between Warrior and Birmingham on Bee Line Highway.



46,604,519 sq. yds. (equivalent to 4,430 miles) of SLAG Roads and Streets

Three thousand nine hundred and thirty-two miles of Bituminous Wearing Surface—495 miles of which were laid on slag concrete or slag macadam base. Four hundred and ninety-eight miles of Portland Cement concrete. One hundred sixty-two miles of paving in which slag was used only in the base.

A recent report of our company to the National Slag Association shows that our Blast Furnace Slag has been used, throughout the South-eastern States, in a total of 4,430 miles of street and highway paving. Three times the distance between Miami and New York! This mileage is divided, as follows, in the principal types of paving:

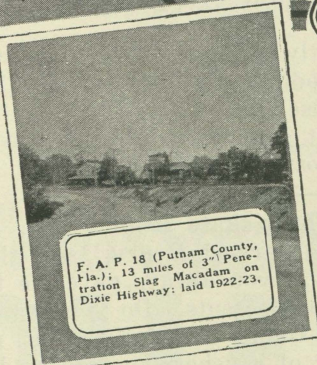
TYPE	Sq. Yds.
Amiesite	300,760
Asphaltic Concrete	2,482,699
Bituminous Macadam	7,620,103
Portland Cement Concrete	5,245,771
Sheet Asphalt	3,385,362
Surface Treatment	26,499,802
Warrenite Bitulithic	1,070,022
Waterbound Slag Macadam	158,400
Total (4,430 Miles)	46,604,519

Doesn't that prove on the face of it that our crushed and screened slag has consistently met rigid state and Federal aid specifications?

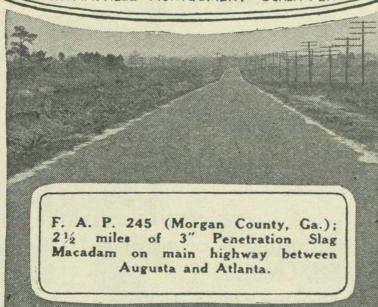
Doesn't it also prove that slag consistently shows a favorable "in the road" cost? Let us prove this on your next job.

BIRMINGHAM SLAG CO.

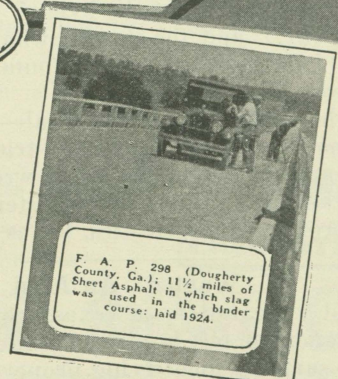
Slag Headquarters for the South
ATLANTA BIRMINGHAM JACKSONVILLE
THOMASVILLE MONTGOMERY Ocala FLA



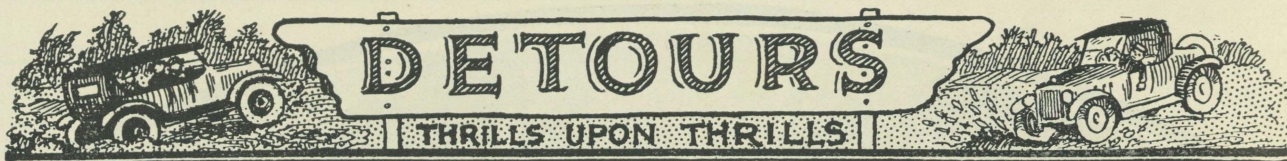
F. A. P. 18 (Putnam County, Fla.); 13 miles of 3" Penetration Slag Macadam on Dixie Highway; laid 1922-23.



F. A. P. 245 (Morgan County, Ga.); 2½ miles of 3" Penetration Slag Macadam on main highway between Augusta and Atlanta.



F. A. P. 298 (Dougherty County, Ga.); 11½ miles of Sheet Asphalt in which slag was used in the binder course; laid 1924.



"Why all the bandages on Jones' head?"
 "Rotten bridge."
 "Break through?"
 "No, trumped his wife's ace."

"Look here, Bogus," asked Colonel White. "Do you happen to know where Ink Judson is just now?"
 "Yassah! Yassah! Sho' does, sah!" replied Brother Bogus. "He's asleep dis minute over dar in de shade of de lumber yard lookin' for a job, sah."

The Acid Test

"Mr. Garvin," a man asked his tailor, "how is it you have not called on me for my account?"
 "Oh, I never ask a gentleman for money."
 "Indeed! How, then, do you get on if he doesn't pay?"
 "Why," replied the tailor, hesitating, "after a certain time I conclude he is not a gentleman and then I ask him."

—College Humor.

A new estimator in a contractor's office said to his boss, "Say, I've added these figures up ten times."
 "Thats fine," exclaimed the boss.
 "Yes," said the estimator, "and here are the ten answers."

Relieving Her Feelings

Movie Star: "Marie, get the glycerin, I want to have a good cry."—Life.

Try Chloroform

Pretty Nurse: "Every time I take the patient's pulse, it gets faster. What shall I do?"
 Doctor: "Blindfold him!"—London Everybody's Weekly.

"For Fire Only"

"You big bonehead," shouted the construction superintendent to his Swede foreman, "I told you to fire that man and you hit him with an ax!"
 "Vell, Boss, dose ax, she have sign 'For Fire Only!'"

To Steal

A clergyman gave out the hymn, "I Love to Steal Awhile Away," and the deacon who led the singing began: "I love to steal—" but found he had pitched the note too high.
 Again he began, "I love to steal—" but this time it was too low. Once more he tried. "I love to steal—" and again got the pitch wrong.
 After the third failure the minister said, "Observing our brother's propensities, let us pray."

Wanted: An Alibi

This ad appeared in a Texas paper: "Found—Lady's handbag; left in my car while parked. Owner can have same by identifying property. If she makes satisfactory explanation to my wife, I will pay for ad and give reward."

Publicity Experts

A California orchard owner suggests a debate on "Did Adam or Newton do the most for the apple?"
 —Pointer.

Calling Her Bluff

Mabel: "Why so sad, honey?"
 Leora: "That big sap that I was going to sue for breach of promise wants to marry me now!"—Life.

Idle Chuckles

We could tell you some more jokes, but what's the use? You would only laugh at them.—Northwestern Purple Parrot.

Iron Man

One of the bombs struck Lieutenant Smith on the side of the head and a bullet also hit him. His wounds are not serious.—Sacramento Bee.

Lost Alibi

It was midnight. In the smoking-room of a club a young man sat huddled in a chair. A friend entered.
 "Hello, Smith!" he asked cheerfully, "Not going home yet?"
 "No," muttered the despairing one. "I—I daren't."
 "Why, what's the matter?"
 "Matter? At eight o'clock I telephoned to my wife and gave her a perfectly good excuse for not coming straight home, and—" his voice sank to a whisper—"I've forgotten what I said."—Tit-Bits.

That Chocolaty Language

Rumor has it that one of the faculty has been trying very hard to correct the many errors in speech made by his five-year-old daughter. The other day he took her to call on her aunt, and at tea the little one was given a large piece of cake.
 "Oh, I just love chocolate cake!" she exclaimed.
 "It's awfully nice."
 "Muriel, dear," corrected Daddy, "it is wrong to say that you 'love' cake, and I've frequently pointed out that 'just' is wrongly used in such a sentence. Again, 'awfully' is quite wrong; 'very' would be much more correct, dear. Now repeat your remark, please."
 Muriel obediently repeated: "I like chocolate cake; it is very good."
 There was a pause.
 "But, Daddy, it sounds just like I was talking about bread."—Boston Beanpot.

Cheap-skate Logic

"Before we were married, Henry," said the young wife reproachfully, "you always gave me the most beautiful Christmas presents. Do you remember?"
 "Sure," replied Henry cheerfully, "but, my dear, did you ever hear of a fisherman feeding bait to a fish after he had caught it?"—Muskogee (Okla.) Daily Phoenix.

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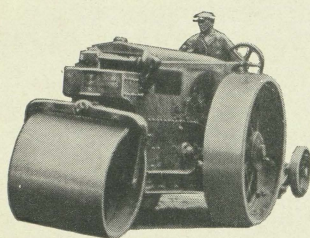
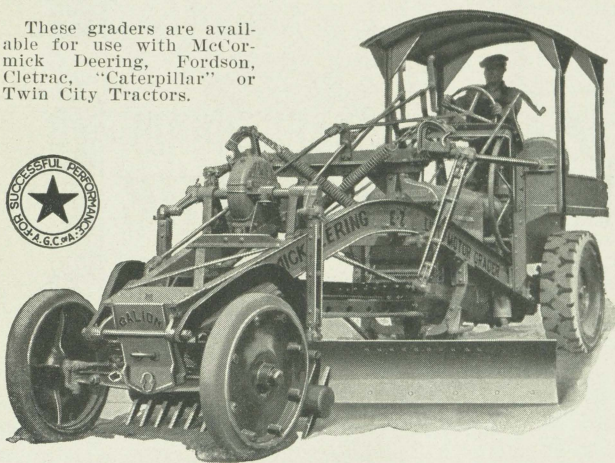
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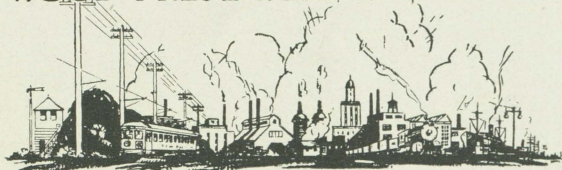
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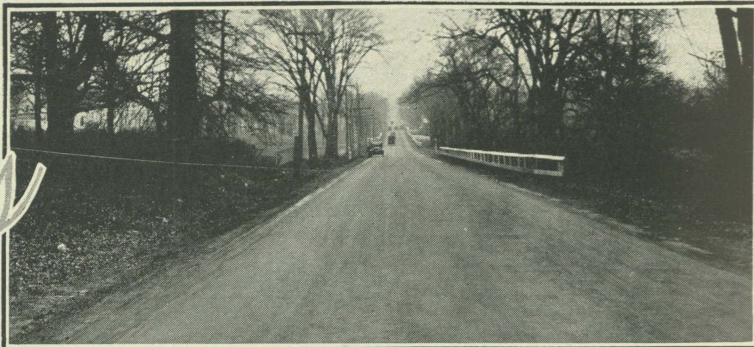


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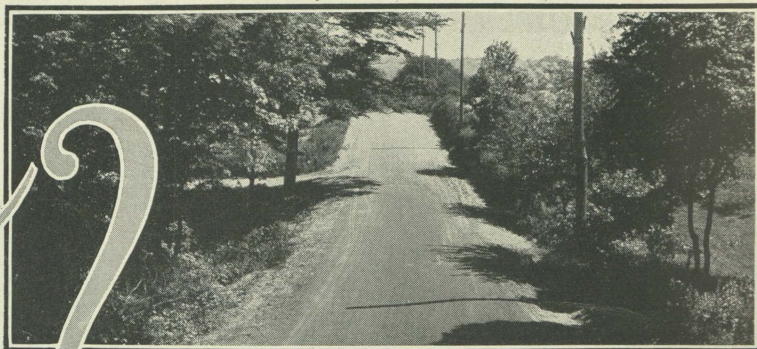
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